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JUL 77 S C PERKINS, S S STAHARA, M J HEMSCH F44620-75-C-0047
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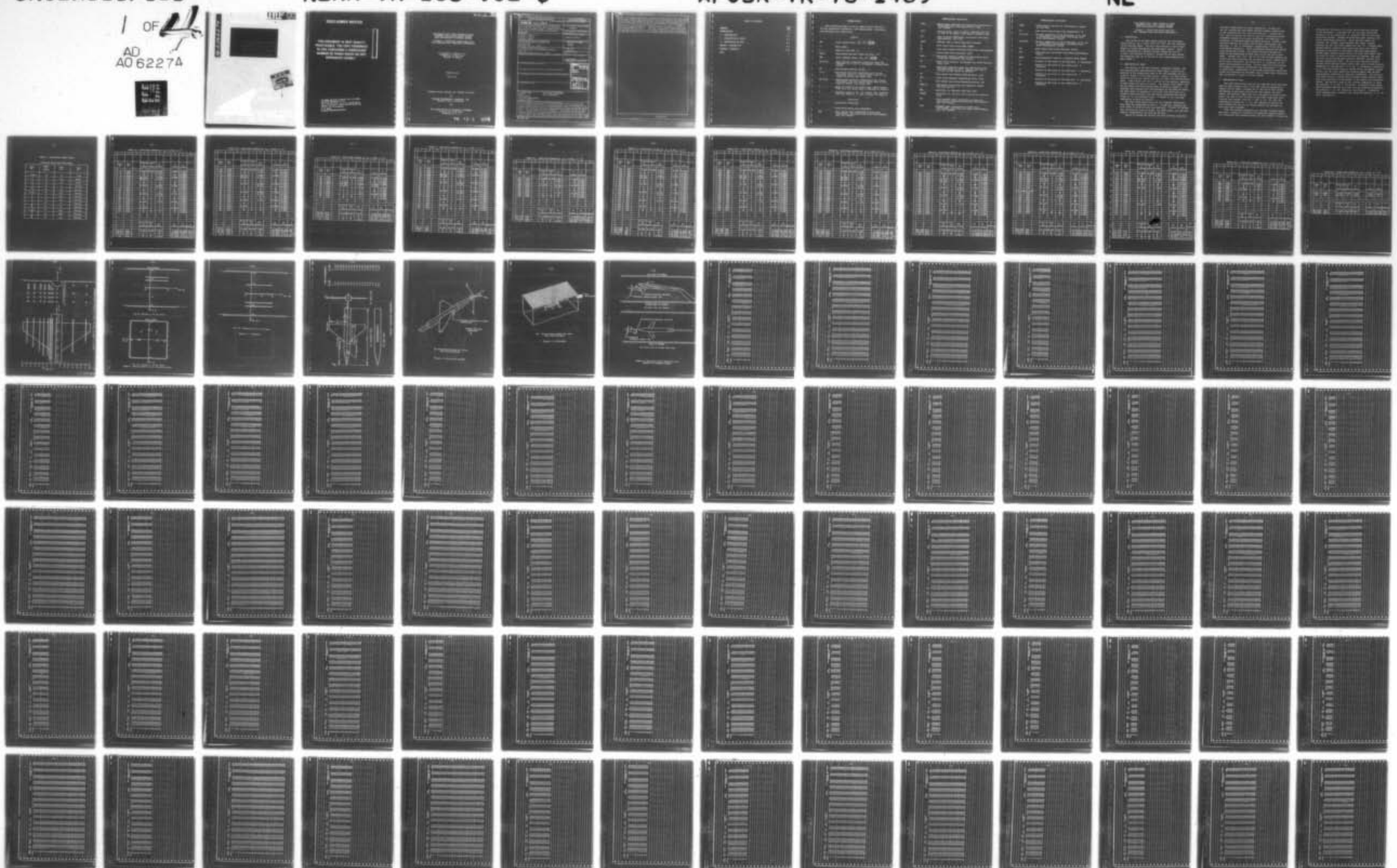

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DATA REPORT FOR A TEST PROGRAM TO STUDY TRANSONIC FLOW FIELDS ABOUT AIRCRAFT WITH APPLICATION TO EXTERNAL STORES

VOLUME V. - FLOW-FIELD SURVEY DATA FOR THE 6-PERCENT THICK WING-BODY COMBINATION

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

A test program was conducted to obtain measurements of flow velocities and static pressures in the vicinity of wing-body-store model (representative of a fighter-type aircraft) as well as surface pressures, forces, and moments on the model. Flow velocities and static pressures were also measured near the tunnel walls to provide outer flow field information. This report presents the data obtained during the test program conducted in the 4T and 16T Wind Tunnels at Arnold Engineering Development Center. The Flow-field data were obtained at Mach numbers 0.925, 0.975, and 1.025 and constitute the major part of the data. (cont)

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Volume I is a summary report which gives detailed information on the test program and presents uncertainties associated with the various types of data taken in the 4T Wind Tunnel. The volume also presents tunnel-empty and Mach-number surveys, as well as tabulated force and moment and pressure data for the Mach number range 0.80 to 1.15 and angles of attack -2°, -5°, 0°, 2°, and 5°. Volumes II, III, and IV present the tabulated flowfield data for the 4-percent thick wing model at Mach numbers 0.925, 0.975 and 1.025, respectively. Volume V presents the tabulated flow-field data for the 6-percent thick wing model, and Volume VI presents data obtained for the 4-percent thick wing model in the 16T Wind Tunnel.

TABLE OF CONTENTS

NOMENCLATURE

This section provides a list of symbols which identify various aerodynamic parameters, axis designations, subscripts, and tabulated data nomenclature.

Symbols

AAL	local upwash angle, deg; $\tan^{-1}\left(\frac{WL/VM}{UL/VM}\right)$
M	Mach number
r	radius of the body, in.
Re/ft	free-stream Reynolds number per foot, ft^{-1}
SWL	local sidewash angle, deg; $\tan^{-1}\left(\frac{VL/VM}{UL/VM}\right)$
UL,VL,WL	local velocity components, positive along the positive X, Y, and Z directions, respectively, ft/sec
VM	free-stream velocity, ft/sec
X,Y,Z	body-fixed Cartesian coordinates with origin coincident with the aircraft model nose at all angles of attack, see figure 4(a)
XT,YT,ZT	tunnel-fixed Cartesian coordinates with origin coincident with the aircraft model nose at zero angle of attack, see figure 4(b)
α	angle of attack of the model, deg; angle between body axis and tunnel axis, as defined in figure 4
θ	azimuthal angle in the Y-Z plane, deg; measured from the positive Y axis as shown in figure 4

Subscripts

∞	free-stream conditions

Flow Field Survey Data Tabulation

AAL	local upwash angle referenced to body-axis coordinates, calculated from probe measurements, deg; $\tan^{-1}(WL/UL)$

AATL	upwash angle referenced to tunnel-axis coordinates, calculated from probe measurements, deg; $\tan^{-1}$(WT/UT)
ALFA	aircraft-model angle of attack, positive nose up as seen by the pilot (nose down in tunnel), deg
CPL	local pressure coefficient calculated from probe measurements, (PL -P)/Q
DATE	calendar time at which data were recorded
M	wind tunnel free-stream Mach number
ML	local Mach number calculated from probe measurements
P	free-stream static pressure, psfa
PART	sequential indexing number for referencing data; a constant throughout each survey
PL	local static pressure calculated from probe measurements, psfa
POINT	sequential indexing number for referencing data obtained during one part; indexes each time a new set of data inputs is obtained
PT	wind tunnel free-stream total pressure, psfa
PTL	local total pressure measured by probe, psfa
Q	wind tunnel free-stream dynamic pressure, psf
REX10-6	wind tunnel free-stream unit Reynolds number, millions per foot
RUN	identifier for specific user test type
SURVEY	identifier for specific user grid-survey combination
SWL	local sidewash angle referenced to body-axis coordinates, calculated from probe measurements, deg; $\tan^{-1}$(VL/UL)
SWTL	sidewash angle referenced to tunnel-axis coordinates, calculated from probe measurements, deg; $\tan^{-1}$(VT/UT)

TEST	alpha-numeric notation for referencing a specific test unit
TT	wind tunnel free-stream total temperature, °F
UL,VL,WL	velocity components in the body-axis X, Y, and Z directions, respectively, calculated from probe measurements, ft/sec
UT,VT,WT	velocity components in the tunnel-axis X, Y, and Z directions, respectively, calculated from probe measurements, ft/sec
VM	wind tunnel free-stream velocity, ft/sec
VML	local velocity calculated from probe measurements, ft/sec
WING	wing designation used for a specific part number
X	location of the probe in the body-axis X direction
XT	location of the probe in the tunnel-axis X direction
Y	location of the probe in the body-axis Y direction
YT	location of the probe in the tunnel-axis Y direction
Z	location of the probe in the body-axis Z direction
ZT	location of the probe in the tunnel-axis Z direction

DATA REPORT FOR A TEST PROGRAM TO STUDY
TRANSONIC FLOW FIELDS ABOUT AIRCRAFT
WITH APPLICATION TO EXTERNAL STORES

VOLUME V.- FLOW-FIELD SURVEY DATA FOR
THE 6-PERCENT THICK WING-BODY COMBINATION

1. INTRODUCTION

This volume of the data report presents the flow-field survey data at M_∞ = 0.925, 0.975 and 1.025 for the 6-percent thick wing-body model. The data were obtained in the 4T Wind Tunnel at Arnold Engineering and Development Center. These tests, performed at a nominal Reynolds number per foot of 3.0×10^6, are outlined in Tables I through XIV of this volume. The tabulated data are at the end of this volume beginning on page number 1.

2. DESCRIPTION OF TESTS

The details of the test hardware, coordinate systems, and data uncertainties associated with these tests, as well as an overview of the purpose and scope of the test program, are provided in Volume I of this data report. Figure 1 of this volume shows the entire grid layout used for the inner flow-field measurements. Some layouts use only a portion of this pattern, depending on Mach number and angle of attack. The general grid layout used for the outer flow-field measurements is shown in figure 2. Two different grid layouts were used depending on the angle of attack. The grid layout is designed to give outer flow-field data at a constant radial distance from the tunnel centerline for various values of θ, the azimuthal angle. A sketch of the wing-body combination is shown in figure 3.

The flow field survey tests for the 6-percent thick wing-body model are summarized in Table I. Column one indicates the Mach number at which the data were obtained. Columns two through four indicate the angle of attack, the table number, and the page numbers, respectively, for each set of data.

Tables II through XIV contain the test condition grids for

each Mach number/angle of attack combination. Columns one and two indicate the page number and part number, respectively, of the tabulated data for each flow-field run. Columns four, five, and six indicate the initial and final positions and the incremental change in the axial coordinate, the body-axis X direction, of the probe static-pressure orifices. Columns eight and nine indicate the lateral and vertical coordinates, the body-axis Y and Z directions, respectively, of the probe longitudinal centerline. These coordinates indicate the various inner flow-field surveys. The outer flow-field surveys are found on the second page of each table and at the end of each table. Columns four, five, and six of these surveys indicate the initial and final positions and incremental change, respectively, of the axial coordinate, the tunnel-axis X direction, of the probe static-pressure orifices. Columns eight and nine indicate the lateral and vertical coordinates, the tunnel-axis Y and Z directions, respectively, of the probe longitudinal centerline. Column ten indicates the azimuthal angle of each outer flow-field run, as defined in figure 4 of this volume.

3. DESCRIPTION OF DATA

The flow-field survey data for the 6-percent thick wing-body model at Mach numbers 0.925, 0.975 and 1.025 are presented in tabular form on pages 1 through 304 at the end of this volume. The heading on each page contains the test number, the part number, the Reynolds number per foot, the angle of attack of the model, the type of wing attached to the model (6-percent thick wing for this volume), and the Y and Z (or YT and ZT) coordinates at which the X (or XT) traverse is carried out. Also included are the run and survey numbers and the date on which data were recorded.

Below the heading information are the data obtained during each test. Column one indicates the sequential indexing number for referencing data obtained during one part (POINT). Column two

indicates the location of the probe static-pressure orifices in the body-axis X direction (X) for the inner flow-field surveys or in the tunnel-axis X direction (XT) for the outer flow-field surveys. Columns three through seven indicate wind tunnel free-stream quantities. These are Mach number (M), velocity (VM, ft/sec), total pressure (PT, psfa), dynamic pressure (Q, psf) and total temperature (TT, ^{o}F). Columns eight through sixteen indicate local quantities which were either measured by the probe or calculated from probe measurements. Columns eight through eleven contain the local Mach number (ML), the ratio of local to free-stream velocity (VML/VM), the ratio of local to free-stream total pressure (PTL/PT), and the local pressure coefficient (CPL). For the inner flow-field surveys, columns twelve through sixteen contain the ratio of local velocity components in the body-axis X, Y, and Z directions, respectively, to the free-stream velocity (UL/VM, VL/VM, and WL/VM, respectively) and the local upwash and sidewash angles (AAL and SWL, respectively) referenced to body-axis coordinates. For the outer flow-field surveys, columns twelve through sixteen contain these same local quantities as determined in the tunnel-axis coordinate system. The positive sense of the velocity components is along the positive X, Y, and Z directions. A positive local upwash angle indicates downward flow away from the wing-body combination, the positive Z or ZT direction, see figure 5. A positive local sidewash angle indicates flow along the positive Y or YT axis, see figure 5.

TABLE I.- FLOW-FIELD SURVEY TESTS

6-Percent Thick Wing Body Model

Mach No.	Angle of Attack	Table No.	Page No.
0.925	0^{o}	II	1-28
	2^{o}	III	29-56
	5^{o}	IV	57-74
	-2^{o}	V	75-100
	-5^{o}	VI	101-115
0.975	0^{o}	VII	116-143
	2^{o}	VIII	144-171
	5^{o}	IX	172-199
	-2^{o}	X	200-225
	-5^{o}	XI	226-252
1.025	0^{o}	XII	253-281
	2^{o}	XIII	282-298
	-2^{o}	XIV	299-304

TABLE II.- FLOW-FIELD SURVEYS AT $M_\infty = 0.925$, $\alpha = 0^\circ$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
1	1124		9.000	19.000	0.666		0.000	-5.000	
2	1128		↓	↓	0.333		↓	-3.000	
3	1129		↓	↓	↓		↓	-2.000	
4	1125		10.333	↓	0.666		2.000	-5.000	
5	1130		10.000	↓	0.333		↓	-3.000	
6	1131		↓	↓	↓		↓	-2.000	
7	1132		↓	↓	↓		↓	-1.000	
8	1126		11.000	↓	0.666		4.000	-5.000	
9	1133		↓	↓	0.333		↓	-3.000	
10	1134		↓	↓	↓		↓	-2.000	
11	1135		↓	↓	↓		↓	-1.000	
12	1127		13.000	↓	0.666		7.000	-5.000	
13	1136		↓	↓	0.333		↓	-3.000	
14	1137		↓	↓	↓		↓	-2.000	
15	1138		↓	↓	↓		↓	-1.000	
16	1139		11.000	↓	1.333		-4.000	-5.000	
17	1140		↓	↓	↓		↓	-3.000	
18	1141		↓	↓	↓		↓	-1.000	
19	1142		13.666	↓	↓		-7.000	-5.000	
20	1143		↓	↓	↓		↓	-3.000	
21	1144		↓	↓	↓		↓	-1.000	

			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
22,23	1145		-6.000	24.000	0.500		0.000	-14.142	-90.0
24,25	1146		↓	↓	↓		10.000	-10.000	-45.0
26,27	1147		↓	↓	↓		14.142	0.0	0.0
28	1148		↓	↓	2.000		-10.000	-10.000	-135.0

TABLE III.- FLOW-FIELD SURVEYS AT $M_\infty = 0.925$, $\alpha = 2^o$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
29	1150		9.000	19.000	0.666		0.000	-5.000	
30	1154				0.333			-3.000	
31	1155							-2.000	
32	1151		10.333		0.666		2.000	-5.000	
33	1156		10.000		0.333			-3.000	
34	1157							-2.000	
35	1158							-1.000	
36	1152		11.000		0.666		4.000	-5.000	
37	1159				0.333			-3.000	
38	1160							-2.000	
39	1161							-1.000	
40	1153		13.000		0.666		7.000	-5.000	
41	1162				0.333			-3.000	
42	1163							-2.000	
43	1164							-1.000	
44	1165		11.000		1.333		-4.000	-5.000	
45	1166							-3.000	
46	1167							-1.000	
47	1168		13.666				-7.000	-5.000	
48	1169							-3.000	
49	1170							-1.000	

			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degre
50,51	1173		-6.000	24.000	0.500		0.000	-14.142	-90.0
52,53	1174						10.000	-10.000	-45.
54,55	1175						14.142	0.0	0.0
56	1176				2.000		-10.000	-10.000	-135.

TABLE IV.- FLOW FIELD SURVEYS AT $M_\infty = 0.925$, $\alpha = 5^{\circ}$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
57	1206		9.000	19.000	0.666		0.000	-5.000	
58	1214		↓	↓	0.333		↓	-3.000	
59	1222		9.333		↓			-2.000	
60	1207		10.333		0.666		2.000	-5.000	
61	1213		11.000		↓		4.000	↓	
62	1223		↓		0.333		↓	-3.000	
63	1224				↓			-2.000	
64	1225							-1.000	
65	1226				1.333		-4.000	-5.000	
66	1227				↓		↓	-3.000	
67	1228							-1.000	

			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
68,69	1217		-6.000	24.000	0.500		0.000	-14.142	-90.0
70,71	1218		↓	↓	↓		10.000	-10.000	-45.0
72,73	1219						14.142	0.0	0.0
74	1220				2.000		-10.000	-10.000	-135.0

TABLE V.- FLOW-FIELD SURVEYS AT $M_\infty = 0.925$, $\alpha = -2^\circ$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
75	1179		9.000	19.000	0.666		0.000	-5.000	
76	1183		↓	↓	0.333		↓	-3.000	
77	1184		↓	↓	↓		↓	-2.000	
78	1180		10.333	↓	0.666		2.000	-5.000	
79	1185		10.000	↓	0.333		↓	-3.000	
80	1186		↓	↓	↓		↓	-2.000	
81	1187		↓	↓	↓		↓	-1.000	
82	1181		11.000	↓	0.666		4.000	-5.000	
83	1188		↓	↓	0.333		↓	-3.000	
84	1189		↓	↓	↓		↓	-2.000	
85	1190		↓	↓	↓		↓	-1.000	
86	1182		13.000	↓	0.666		7.000	-5.000	
87	1191		↓	↓	0.333		↓	-3.000	
88	1192		↓	↓	↓		↓	-2.000	
89	1193		↓	↓	↓		↓	-1.000	
90	1194		11.000	↓	1.333		-4.000	-5.000	
91	1195		↓	↓	↓		↓	-3.000	
92	1196		↓	↓	↓		↓	-1.000	
93	1197		13.666	↓	↓		-7.000	-5.000	
94	1198		↓	↓	↓		↓	-3.000	
95	1199		↓	↓	↓		↓	-1.000	

			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
96,97	1201		-6.000	24.000	0.500		0.000	-14.142	-90.0
98,99	1202		↓	↓	↓		10.000	-10.000	-45.0
100	1203		↓	↓	2.000		-10.000	↓	-135.

TABLE VI.- FLOW-FIELD SURVEYS AT $M_\infty = 0.925$, $\alpha = -5^\circ$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
101	1230		9.000	19.000	0.666		0.000	-5.000	
102	1232		↓	↓	0.333		↓	-3.000	
103	1233		↓	↓	↓		↓	-2.000	
104	1231		11.000	↓	0.666		4.000	-5.000	
105	1234		↓	↓	0.333		↓	-3.000	
106	1235		↓	↓	↓		↓	-2.000	
107	1236		↓	↓	↓		↓	-1.000	
108	1237		↓	↓	1.333		-4.000	-5.000	
109	1238		↓	↓	↓		↓	-3.000	
110	1239		↓	↓	↓		↓	-1.000	
			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
111,112	1241		-6.000	24.000	0.500		0.000	-14.142	-90.0
113,114	1242		↓	↓	↓		10.000	-10.000	-45.0
115	1243		↓	↓	2.000		-10.000	↓	-135.0

TABLE VII.- FLOW-FIELD SURVEYS AT $M_\infty = 0.975$, $\alpha = 0^\circ$

	1	2	3	4	5	6	7	8	9	10
	Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
	116	955		9.000	19.000	0.666		0.000	-5.000	
	117	959				0.333			-3.000	
	118	960							-2.000	
	119	956		10.333		0.666		2.000	-5.000	
	120	961		10.000		0.333			-3.000	
	121	962							-2.000	
	122	963							-1.000	
	123	957		11.000		0.666		4.000	-5.000	
	124	964				0.333			-3.000	
	125	965							-2.000	
	126	966							-1.000	
	127	958		13.000		0.666		7.000	-5.000	
	128	967				0.333			-3.000	
	129	968							-2.000	
	130	969							-1.000	
	131	970		11.000		1.333		-4.000	-5.000	
	132	971							-3.000	
	133	972							-1.000	
	134	973		13.666				-7.000	-5.000	
	135	974							-3.000	
	136	975							-1.000	

				Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
	137,138	977		-6.000	24.000	0.500		0.000	-14.142	-90.0
	139,140	978						10.000	-10.000	-45.0
	141,142	979						14.142	0.0	0.0
	143	980				2.000		-10.000	-10.000	-135.0

TABLE VIII.- FLOW-FIELD SURVEYS AT $M_\infty = 0.975$, $\alpha = 2^\circ$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
144	982		9.000	19.000	0.666		0.000	-5.000	
145	986		↓	↓	0.333		↓	-3.000	
146	987		↓	↓	↓		↓	-2.000	
147	983		10.333	↓	0.666		2.000	-5.000	
148	988		10.000	↓	0.333		↓	-3.000	
149	989		↓	↓	↓		↓	-2.000	
150	990		↓	↓	↓		↓	-1.000	
151	984		11.000	↓	0.666		4.000	-5.000	
152	991		↓	↓	0.333		↓	-3.000	
153	992		↓	↓	↓		↓	-2.000	
154	993		↓	↓	↓		↓	-1.000	
155	985		13.000	↓	0.666		7.000	-5.000	
156	994		↓	↓	0.333		↓	-3.000	
157	995		↓	↓	↓		↓	-2.000	
158	996		↓	↓	↓		↓	-1.000	
159	997		11.000	↓	1.333		-4.000	-5.000	
160	998		↓	↓	↓		↓	-3.000	
161	999		↓	↓	↓		↓	-1.000	
162	1000		13.666	↓	↓		-7.000	-5.000	
163	1001		↓	↓	↓		↓	-3.000	
164	1002		↓	↓	↓		↓	-1.000	

			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
165,166	1004		-6.000	24.000	0.500		0.000	-14.142	-90.0
167,168	1005		↓	↓	↓		10.000	-10.000	-45.0
169,170	1006		↓	↓	↓		14.142	0.0	0.0
171	1007		↓	↓	2.000		-10.000	-10.000	-135.0

TABLE IX.- FLOW-FIELD SURVEYS AT $M_\infty = 0.975$, $\alpha = 5^\circ$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
172	1035		9.000	19.000	0.666		0.000	-5.000	
173	1039		↓	↓	0.333		↓	-3.000	
174	1040		↓	↓	↓		↓	-2.000	
175	1036		10.333	↓	0.666		2.000	-5.000	
176	1041		10.000	↓	0.333		↓	-3.000	
177	1042		↓	↓	↓		↓	-2.000	
178	1043		↓	↓	↓		↓	-1.000	
179	1037		11.000	↓	0.666		4.000	-5.000	
180	1044		↓	↓	0.333		↓	-3.000	
181	1045		↓	↓	↓		↓	-2.000	
182	1046		↓	↓	↓		↓	-1.000	
183	1038		13.000	↓	0.666		7.000	-5.000	
184	1047		↓	↓	0.333		↓	-3.000	
185	1048		↓	↓	↓		↓	-2.000	
186	1049		↓	↓	↓		↓	-1.000	
187	1050		11.000	↓	1.333		-4.000	-5.000	
188	1051		↓	↓	↓		↓	-3.000	
189	1052		↓	↓	↓		↓	-1.000	
190	1053		13.666	↓	↓		-7.000	-5.000	
191	1054		↓	↓	↓		↓	-3.000	
192	1055		↓	↓	↓		↓	-1.000	
			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
193,194	1057		-6.000	24.000	0.500		0.000	-14.142	-90.
195,196	1058		↓	↓	↓		10.000	-10.000	-45.
197,198	1059		↓	↓	↓		14.142	0.0	0.0
199	1060		↓	↓	2.000		-10.000	-10.000	-135.

TABLE X.- FLOW-FIELD SURVEYS AT $M_\infty = 0.975$, $\alpha = -2^\circ$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
200	1009		9.000	19.000	0.666		0.000	-5.000	
201	1013		↓	↓	0.333		↓	-3.000	
202	1014		↓	↓	↓		↓	-2.000	
203	1010		10.333	↓	0.666		2.000	-5.000	
204	1015		10.000	↓	0.333		↓	-3.000	
205	1016		↓	↓	↓		↓	-2.000	
206	1017		↓	↓	↓		↓	-1.000	
207	1011		11.000	↓	0.666		4.000	-5.000	
208	1018		↓	↓	0.333		↓	-3.000	
209	1019		↓	↓	↓		↓	-2.000	
210	1020		↓	↓	↓		↓	-1.000	
211	1012		13.000	↓	0.666		7.000	-5.000	
212	1021		↓	↓	0.333		↓	-3.000	
213	1022		↓	↓	↓		↓	-2.000	
214	1023		↓	↓	↓		↓	-1.000	
215	1024		11.000	↓	1.333		-4.000	-5.000	
216	1025		↓	↓	↓		↓	-3.000	
217	1026		↓	↓	↓		↓	-1.000	
218	1027		13.666	↓	↓		-7.000	-5.000	
219	1028		↓	↓	↓		↓	-3.000	
220	1029		↓	↓	↓		↓	-1.000	

			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
221,222	1031		-6.000	24.000	0.500		0.000	-14.142	-90.0
223,224	1032		↓	↓	↓		10.000	-10.000	-45.0
225	1033		↓	↓	2.000		-10.000	-10.000	-135.0

TABLE XI.- FLOW-FIELD SURVEYS AT $M_\infty = 0.975$, $\alpha = -5^{\circ}$

	1	2	3	4	5	6	7	8	9	10
	Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
	226	1062		9.000	19.000	0.666		0.000	-5.000	
	227	1066				0.333			-3.000	
	228	1067							-2.000	
	229	1063		10.333		0.666		2.000	-5.000	
	230	1068		10.000		0.333			-3.000	
	231	1069							-2.000	
	232	1070							-1.000	
	233	1064		11.000		0.666		4.000	-5.000	
	234	1071				0.333			-3.000	
	235,236	1072,1079							-2.000	
	237	1080							-1.000	
	238	1065		13.000		0.666		7.000	-5.000	
	239	1081				0.333			-3.000	
	240	1082							-2.000	
	241	1083							-1.000	
	242	1084		11.000		1.333		-4.000	-5.000	
	243	1085							-3.000	
	244	1086							-1.000	
	245	1087		13.666				-7.000	-5.000	
	246	1088							-3.000	
	247	1089							-1.000	

				Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
	248,249	1090		-6.000	24.000	0.500		0.000	-14.142	-90.0
	250,251	1091						10.000	-10.000	-45.0
	252	1092				2.000		-10.000	-10.000	-135.[illegible]

10.333			0.666
10.000			0.333
10.500			0.500
11.000			1.000

TABLE XIII.- FLOW-FIELD SURVEYS AT $M_\infty = 1.025$, $\alpha = 2^\circ$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
282	1246		9.000	19.000	0.666		0.000	-5.000	
283	1248		↓	↓	0.333		↓	-3.000	
284	1249		↓	↓	↓		↓	-2.000	
285	1247		10.500	↓	0.500		4.000	-5.000	
286	1250		↓	↓	↓		↓	-3.000	
287	1251		↓	↓	↓		↓	-2.000	
288	1252		↓	↓	↓		↓	-1.000	
289	1253		11.000	↓	1.000		-4.000	-5.000	
290	1254		↓	↓	↓		↓	-3.000	
291	1255		↓	↓	↓		↓	-1.000	
			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
292,293	1257		-6.000	24.000	0.500		0.000	-14.142	-90.0
294,295	1258		↓	↓	↓		10.000	-10.000	-45.0
296,297	1259		↓	↓	↓		14.142	0.0	0.0
298	1260		↓	↓	2.000		-10.000	-10.000	-135.0

TABLE XIV.- FLOW-FIELD SURVEYS AT $M_\infty = 1.025$, $\alpha = -2^\circ$

1	2	3	4	5	6	7	8	9	10
Page No.	Part No.		Initial X inches	Final X inches	ΔX inches		Y inches	Z inches	
299	1266		9.000	19.000	0.666		0.000	-5.000	
300	1267		10.500	↓	0.500		4.000	↓	
			Initial XT inches	Final XT inches	ΔXT inches		YT inches	ZT inches	θ degrees
301,302	1263		-6.000	24.000	0.500		0.000	-14.142	-90.0
303,304	1264		↓	↓	↓		10.000	-10.000	-45.0

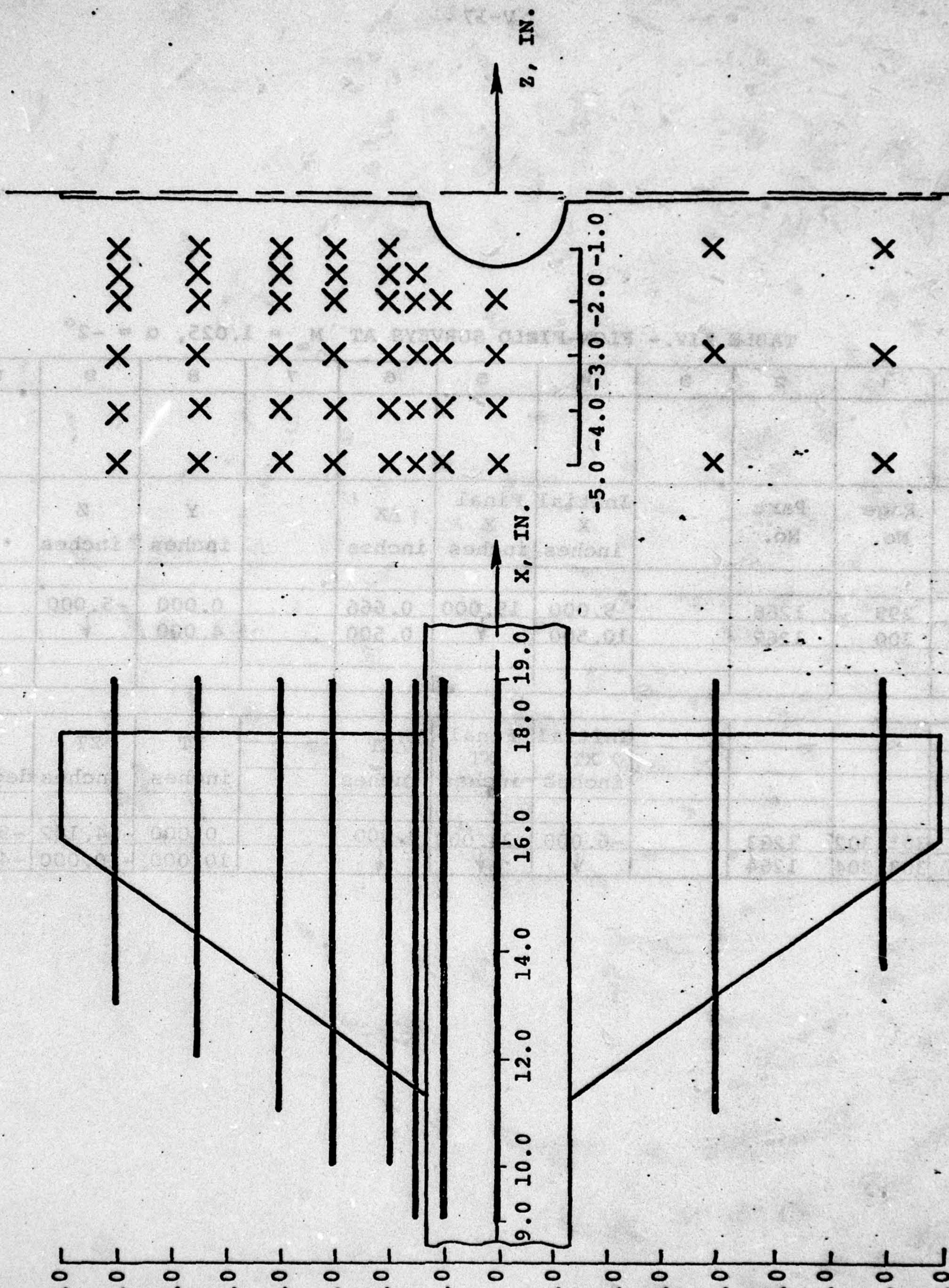
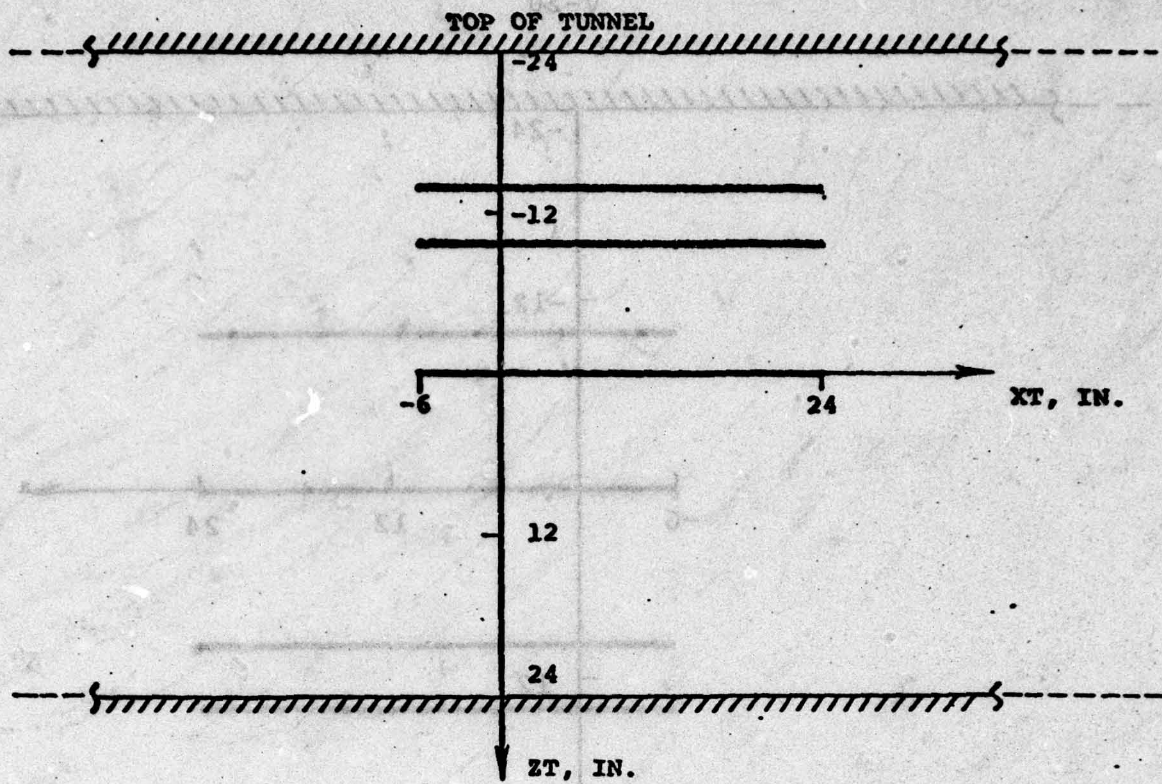
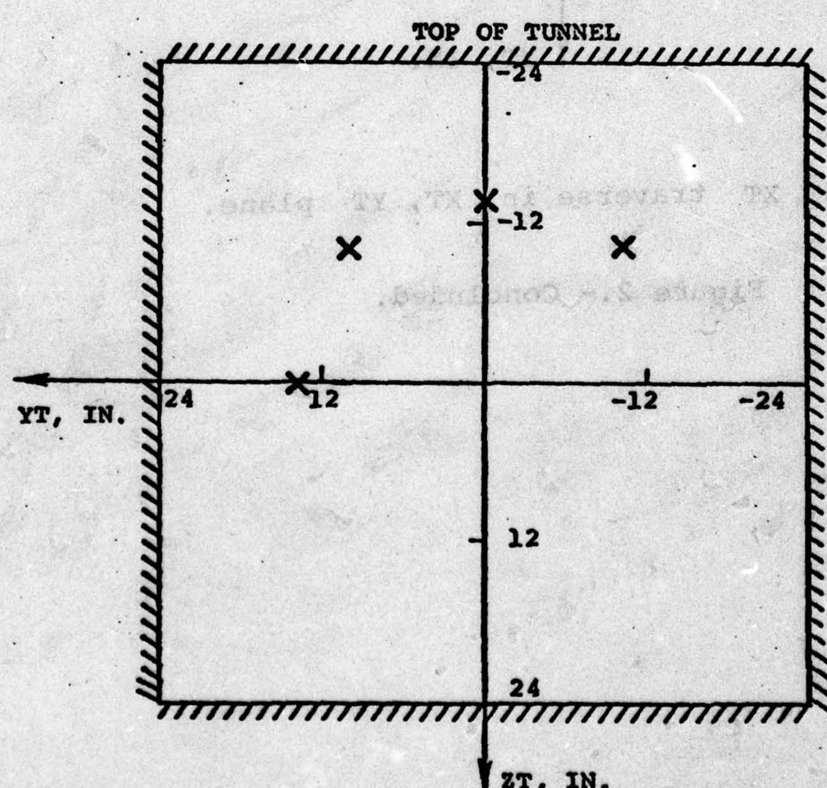


Figure 1.- General grid for inner flow-field measurements.

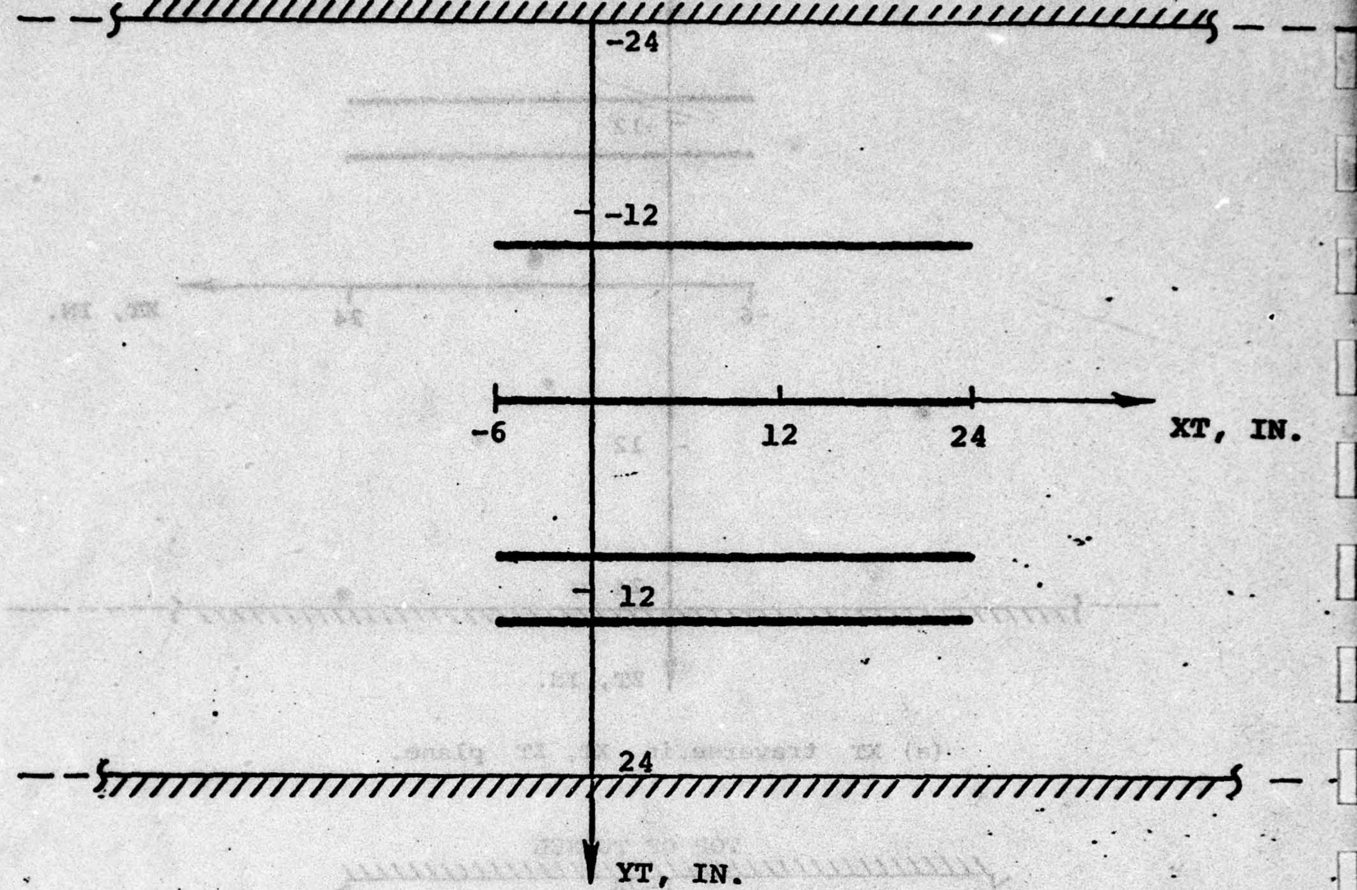


(a) XT traverse in XT, ZT plane.



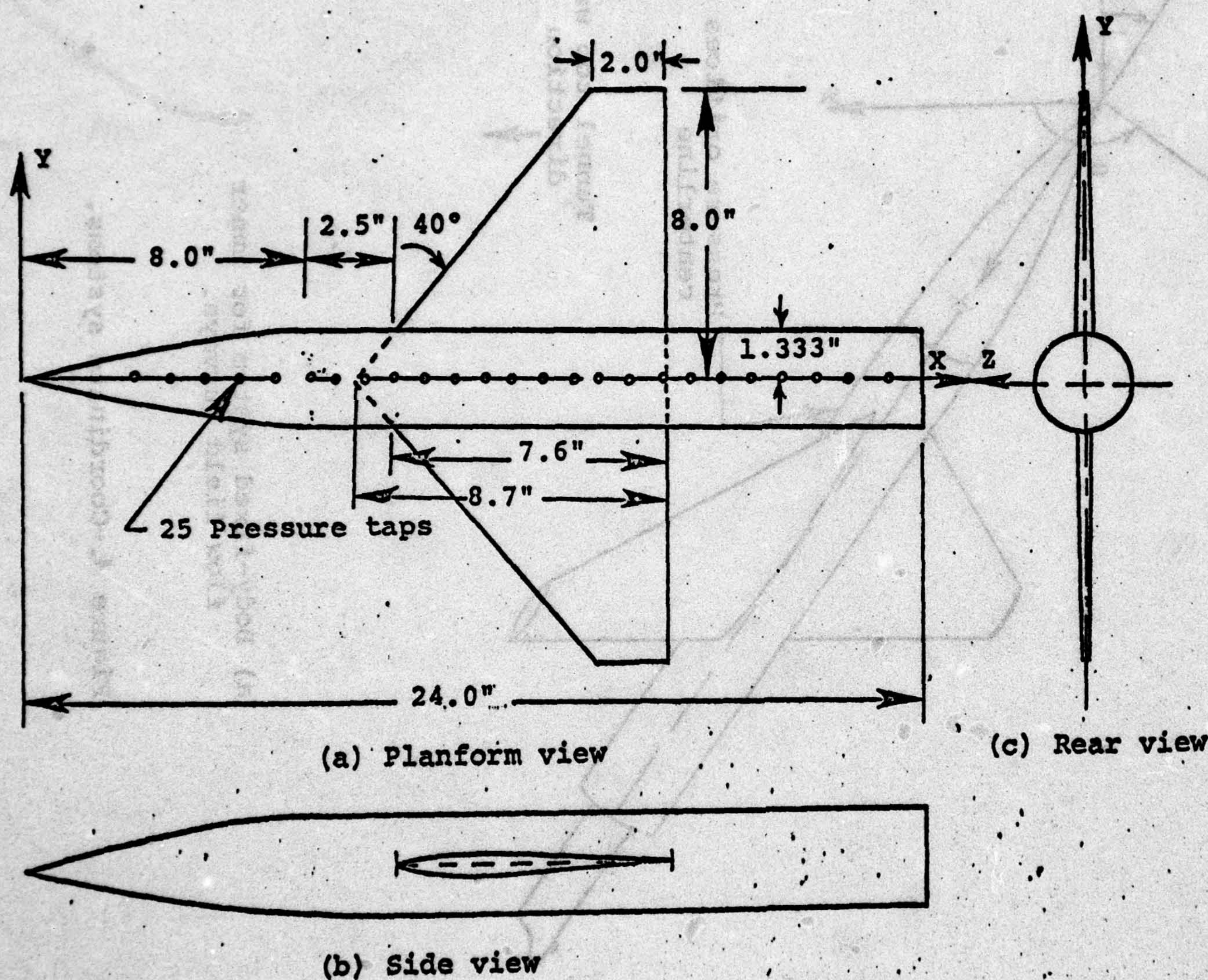
(b) XT traverse in YT, ZT plane.

Figure 2.- General grids for outer flow-field surveys.



(c) XT traverse in XT, YT plane.

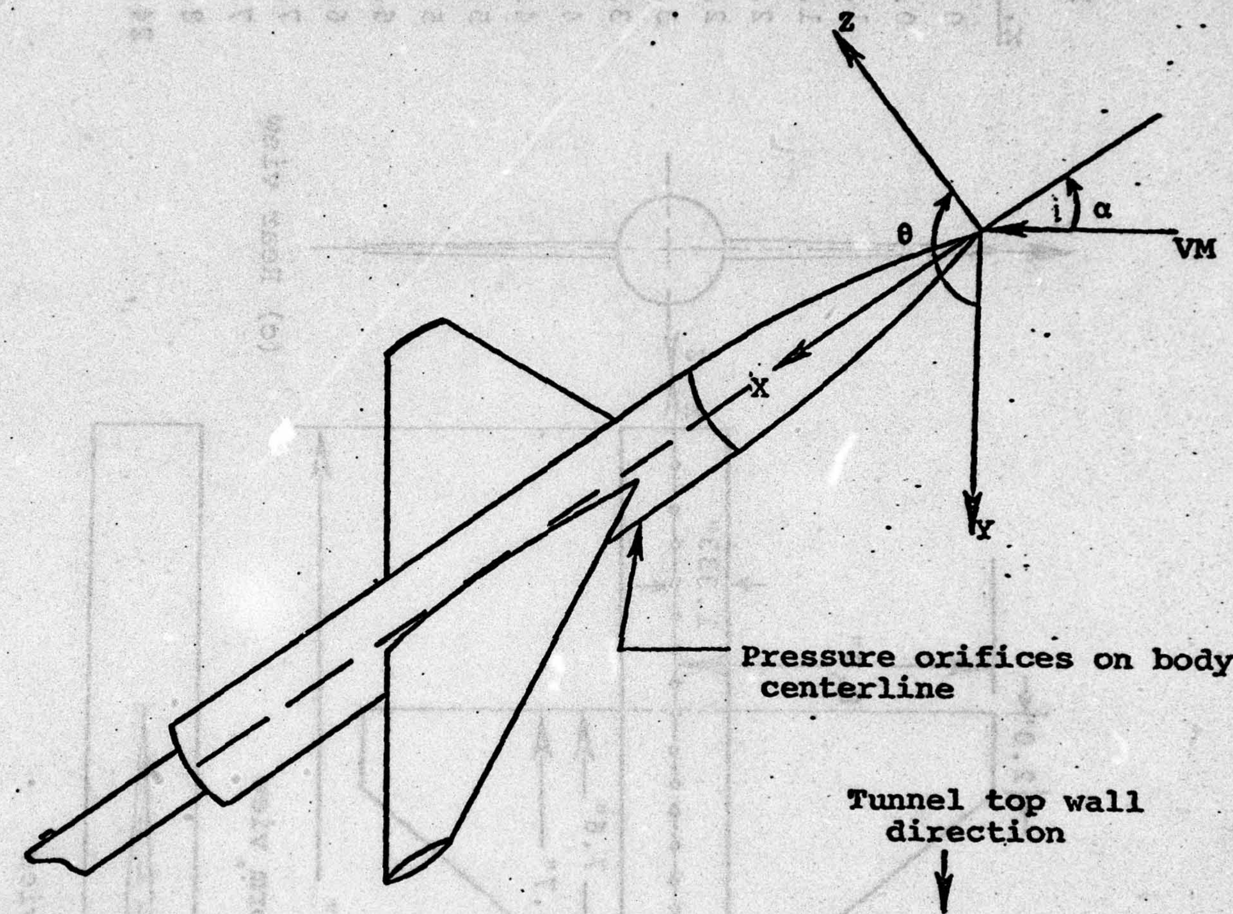
Figure 2.- Concluded.



BODY COORDINATES

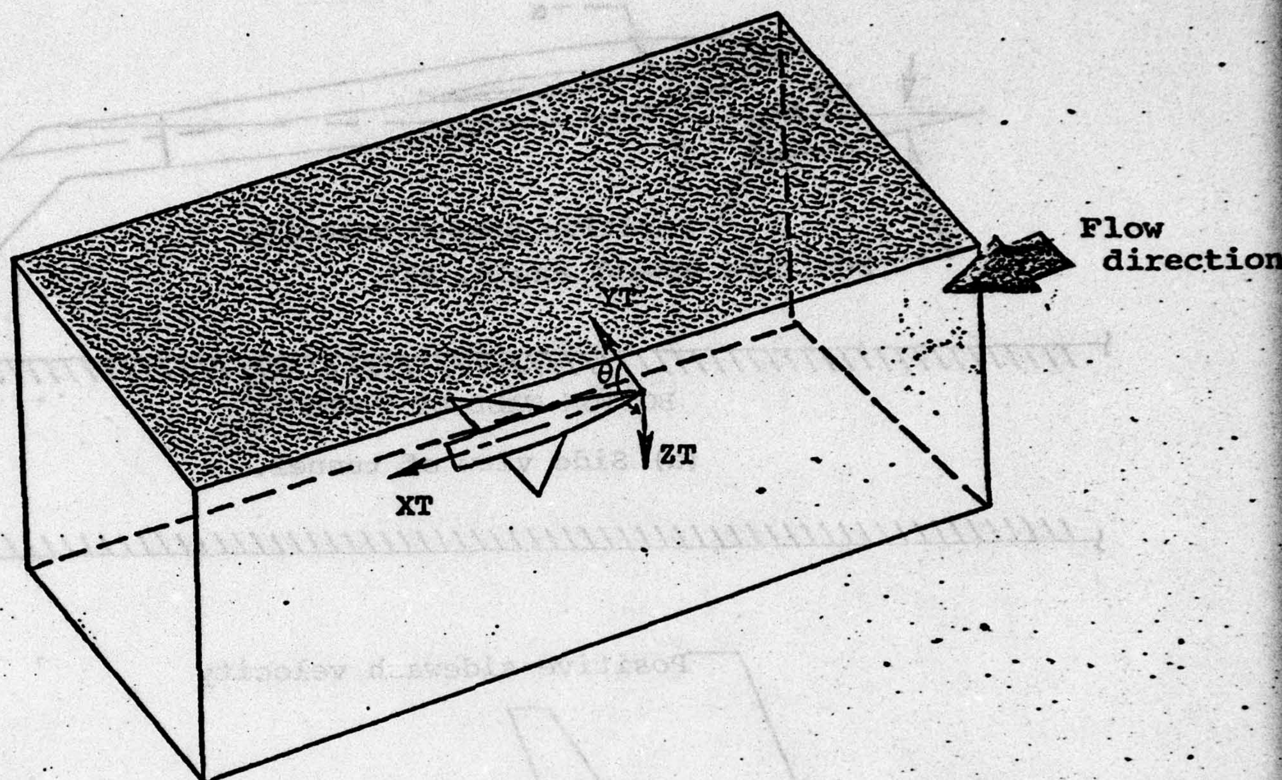
x, in.	r, in.
0	0
0.5	0.162
1.0	0.313
1.5	0.453
2.0	0.583
2.5	0.703
3.0	0.813
3.5	0.912
4.0	1.000
4.5	1.078
5.0	1.146
5.5	1.203
6.0	1.250
6.5	1.287
7.0	1.313
7.5	1.328
8.0	1.333
24.0	1.333

Figure 3.-Wing-body combination.



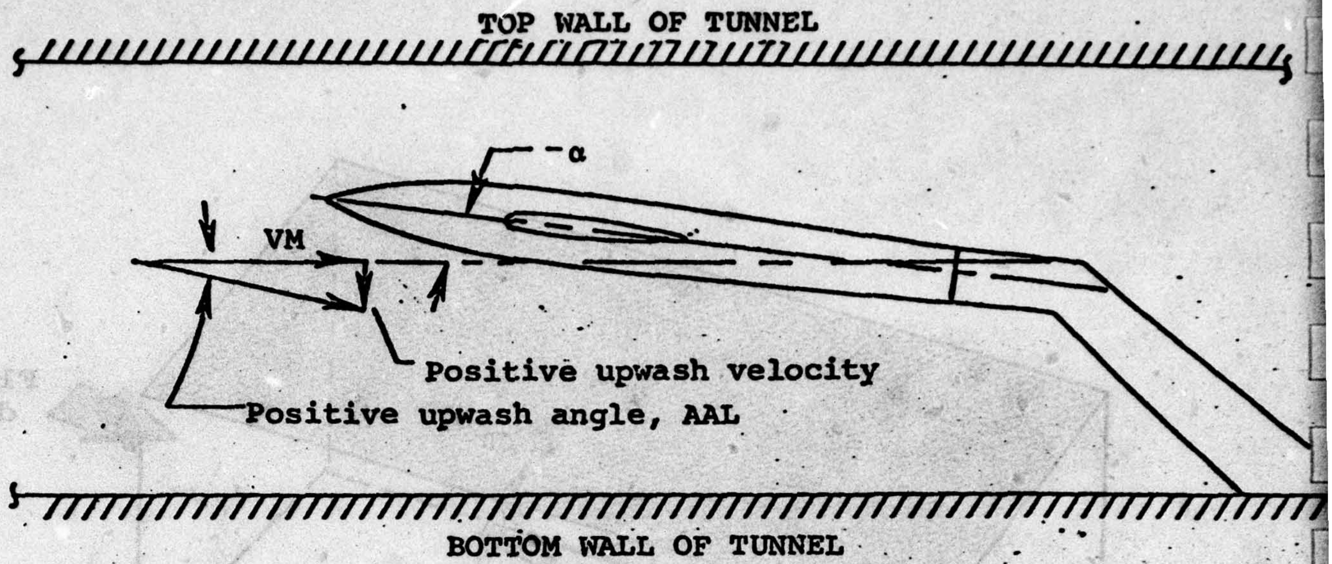
(a) Body-fixed system for inner flow field surveys.

Figure 4.-Coordinate systems.

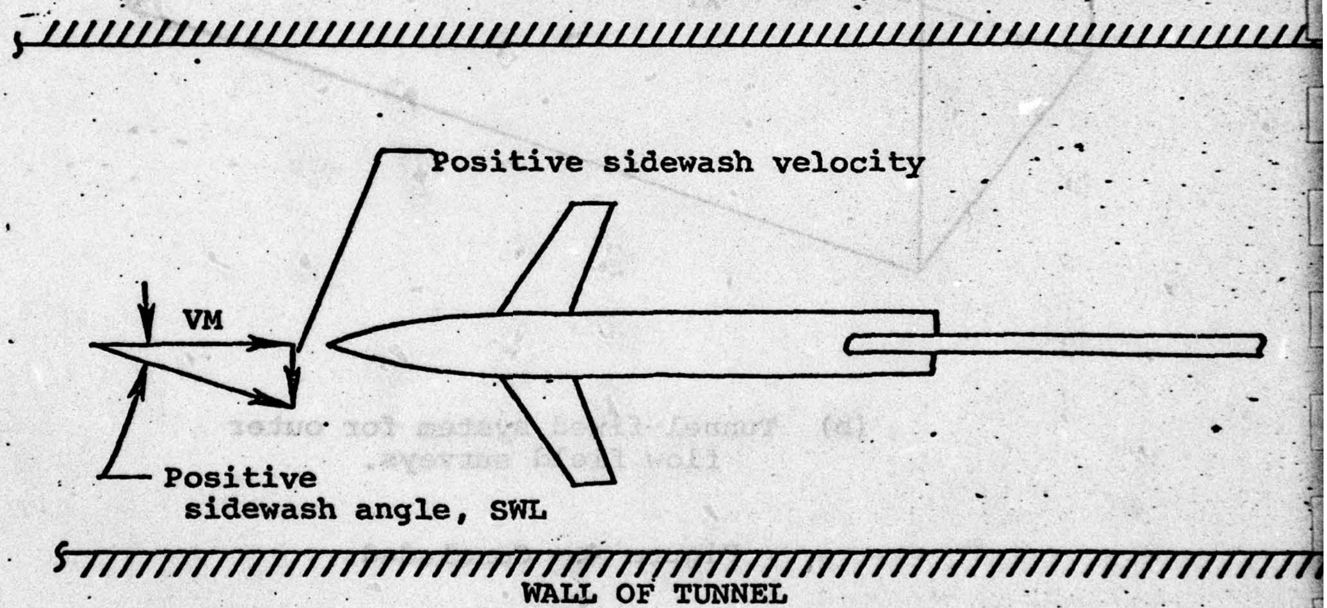


(b) Tunnel-fixed system for outer flow field surveys.

Figure 4.- Concluded.



(a) Side view of tunnel.



(b) Plan view of tunnel from top.

Figure 5.-Pictorial sign convention for upwash and sidewash angles.

TEST	RAP*	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1124	2.997	-0.01	60	0.00	-5.00	6-301	7- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
7	9.000	0.923	970.05	1439.0	494.5	78.8	0.919	0.997	1.001	0.008	0.997	0.001	0.001	0.03	0.08
8	9.666	0.924	971.98	1440.0	495.9	79.1	0.918	0.994	1.000	0.013	0.994	0.001	-0.000	-0.01	0.08
9	10.333	0.925	972.37	1441.2	496.4	79.2	0.915	0.991	1.000	0.018	0.991	0.002	-0.002	-0.13	0.09
10	11.000	0.925	972.77	1439.6	495.5	79.1	0.915	0.991	1.001	0.020	0.991	0.001	-0.005	-0.27	0.08
11	11.666	0.926	973.32	1438.9	496.2	79.2	0.918	0.993	1.001	0.017	0.993	0.002	-0.006	-0.32	0.08
12	12.333	0.928	975.24	1440.2	497.8	79.2	0.924	0.996	1.001	0.009	0.996	0.002	-0.006	-0.37	0.09
13	13.000	0.928	975.53	1439.5	497.6	79.3	0.929	1.001	1.001	0.000	1.001	0.001	-0.006	-0.35	0.08
14	13.666	0.925	972.73	1439.6	496.1	79.2	0.934	1.008	1.001	-0.015	1.008	0.002	-0.004	-0.22	0.09
15	14.333	0.926	973.46	1439.5	496.5	79.2	0.938	1.011	1.002	-0.020	1.011	0.002	-0.001	-0.03	0.11
16	15.000	0.925	972.64	1439.8	496.1	79.3	0.943	1.016	1.001	-0.031	1.016	0.001	0.004	0.24	0.08
17	15.666	0.929	975.90	1439.1	497.8	79.2	0.964	1.032	1.000	-0.064	1.032	0.003	0.011	0.61	0.14
18	16.333	0.927	974.70	1440.3	497.4	79.3	0.945	1.016	1.001	-0.030	1.016	0.002	0.017	0.96	0.14
19	17.000	0.926	973.93	1439.3	496.5	79.4	0.934	1.007	1.001	-0.012	1.007	0.002	0.019	1.10	0.13
20	17.666	0.925	972.54	1440.5	496.2	79.4	0.925	1.001	1.001	0.001	1.001	0.002	0.019	1.08	0.11
21	18.333	0.924	974.03	1441.4	497.3	79.5	0.919	0.994	1.001	0.014	0.993	0.002	0.017	0.99	0.12
22	19.000	0.927	974.58	1440.3	497.2	79.6	0.916	0.990	1.002	0.024	0.990	0.002	0.015	0.87	0.12

TEST	PART	REX10-6	ALFA	WING	Y	Z	RNN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1129	2.998	-0.91	68	0.00	-3.00	6-395	3- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	9.000	0.923	972.08	1443.4	496.5	80.1	0.923	1.000	1.001	0.001	1.000	0.009	-0.010	-0.57	0.53
7	9.333	0.924	972.67	1444.0	497.1	80.1	0.918	0.995	1.000	0.011	0.995	0.004	0.000	0.01	0.23
8	9.666	0.924	972.36	1443.2	496.6	80.1	0.914	0.991	1.001	0.020	0.991	0.004	-0.001	-0.07	0.24
9	10.000	0.924	972.74	1443.7	497.0	80.1	0.911	0.988	1.001	0.025	0.988	0.004	-0.002	-0.14	0.24
10	10.333	0.924	972.82	1443.5	497.0	80.1	0.909	0.986	1.001	0.030	0.986	0.004	-0.004	-0.25	0.25
11	10.666	0.925	973.25	1443.7	497.4	79.8	0.909	0.985	1.001	0.031	0.985	0.004	-0.006	-0.36	0.23
12	11.000	0.925	973.42	1443.0	497.2	80.1	0.908	0.985	1.001	0.032	0.985	0.006	-0.008	-0.48	0.21
13	11.333	0.926	974.17	1443.1	497.7	80.1	0.911	0.986	1.001	0.029	0.986	0.004	-0.010	-0.57	0.22
14	11.666	0.927	975.14	1444.1	498.6	80.1	0.914	0.988	1.001	0.025	0.988	0.004	-0.011	-0.63	0.21
15	12.000	0.927	975.27	1444.0	498.6	80.1	0.918	0.992	1.001	0.018	0.992	0.004	-0.011	-0.63	0.22
16	12.333	0.928	976.12	1443.6	498.9	80.2	0.923	0.995	1.001	0.011	0.995	0.004	-0.011	-0.63	0.21
17	12.666	0.925	973.29	1443.8	497.2	80.2	0.927	1.002	1.001	-0.002	1.002	0.004	-0.010	-0.59	0.23
18	13.000	0.924	972.81	1444.0	497.2	80.1	0.930	1.005	1.000	-0.009	1.005	0.003	-0.009	-0.54	0.20
19	13.333	0.925	973.40	1443.3	497.3	80.1	0.933	1.008	1.001	-0.014	1.008	0.004	-0.008	-0.45	0.21
20	13.666	0.926	974.15	1441.7	497.1	80.2	0.938	1.011	1.002	-0.019	1.011	0.004	-0.006	-0.38	0.23
21	14.000	0.928	976.07	1443.0	498.6	80.3	0.941	1.012	1.001	-0.023	1.012	0.004	-0.004	-0.24	0.23
22	14.333	0.922	971.32	1442.8	495.8	80.3	0.943	1.019	1.002	-0.035	1.019	0.004	-0.001	-0.07	0.22
23	14.666	0.925	973.05	1443.2	497.0	80.1	0.965	1.037	1.001	-0.072	1.037	0.004	0.002	0.09	0.23
24	15.000	0.927	975.08	1444.7	495.7	80.2	0.976	1.043	1.000	-0.086	1.043	0.005	0.005	0.27	0.25
25	15.333	0.927	975.40	1441.8	497.9	80.2	0.982	1.050	1.002	-0.097	1.050	0.005	0.009	0.50	0.28
27	15.666	0.924	972.38	1445.0	497.1	80.4	0.990	1.061	1.001	-0.120	1.060	0.005	0.014	0.73	0.28
28	16.000	0.924	972.78	1444.8	497.4	80.1	0.981	1.052	1.000	-0.104	1.052	0.005	0.017	0.94	0.29
29	16.333	0.926	974.61	1442.0	497.4	80.3	0.973	1.042	1.001	-0.084	1.042	0.005	0.020	1.10	0.30
30	16.666	0.928	976.19	1445.1	499.6	80.2	0.963	1.029	1.001	-0.058	1.029	0.006	0.022	1.20	0.32
31	17.000	0.926	974.30	1443.7	497.8	80.3	0.937	1.011	1.001	-0.019	1.010	0.005	0.022	1.23	0.27
32	17.333	0.924	972.96	1442.2	496.6	80.2	0.927	1.002	1.001	-0.003	1.002	0.005	0.021	1.19	0.27
33	17.666	0.927	975.03	1442.4	497.8	80.3	0.923	0.997	1.001	0.008	0.996	0.005	0.020	1.17	0.28
34	18.000	0.923	972.09	1444.4	496.8	80.2	0.917	0.994	1.001	0.014	0.993	0.005	0.019	1.09	0.27
35	18.333	0.924	972.39	1442.6	495.4	80.3	0.911	0.988	1.001	0.025	0.988	0.005	0.017	0.98	0.27
36	18.666	0.926	974.74	1443.1	497.8	80.4	0.910	0.985	1.001	0.032	0.985	0.005	0.016	0.91	0.27
37	19.000	0.928	976.61	1444.3	499.4	80.3	0.909	0.982	1.001	0.037	0.982	0.005	0.014	0.82	0.28

TEST	PART	REX10-6	ALFA	VING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1129	3.002	-0.01	68	0.00	-7.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	9.000	0.926	974.96	1444.5	498.4	80.3	0.924	0.997	1.001	0.007	0.997	0.003	-0.002	-0.09	0.18
4	9.333	0.925	974.90	1443.9	498.2	80.4	0.919	0.994	1.001	0.014	0.994	0.003	-0.002	-0.09	0.19
5	9.666	0.927	975.91	1446.7	499.8	80.4	0.914	0.988	1.000	0.025	0.988	0.003	-0.002	-0.11	0.20
6	10.000	0.926	974.79	1443.0	497.9	80.2	0.909	0.984	1.001	0.035	0.984	0.003	-0.003	-0.20	0.19
7	10.333	0.928	975.93	1443.8	498.8	80.3	0.906	0.980	1.000	0.041	0.980	0.003	-0.005	-0.31	0.20
8	10.666	0.927	975.93	1443.3	499.6	80.4	0.904	0.979	1.001	0.045	0.979	0.004	-0.007	-0.43	0.22
9	11.000	0.928	976.45	1444.0	499.3	80.2	0.905	0.979	1.001	0.044	0.979	0.003	-0.008	-0.50	0.20
10	11.333	0.925	973.37	1442.5	496.9	80.3	0.908	0.984	1.001	0.032	0.984	0.004	-0.010	-0.57	0.21
11	11.666	0.924	972.38	1445.0	497.1	80.4	0.911	0.988	1.000	0.023	0.988	0.003	-0.010	-0.60	0.19
12	12.000	0.923	971.54	1444.9	496.6	80.4	0.916	0.994	1.001	0.014	0.994	0.003	-0.010	-0.58	0.18
13	12.333	0.924	972.36	1443.4	496.7	80.2	0.922	0.999	1.001	0.004	0.999	0.003	-0.010	-0.55	0.19
14	12.666	0.925	973.73	1444.1	497.6	80.4	0.929	1.004	1.000	-0.008	1.004	0.003	-0.008	-0.47	0.18
15	13.000	0.925	976.49	1445.4	498.5	80.4	0.936	1.009	1.001	-0.017	1.009	0.003	-0.007	-0.41	0.19
16	13.333	0.926	974.96	1444.0	498.3	80.4	0.940	1.013	1.001	-0.023	1.012	0.003	-0.006	-0.32	0.19
17	13.666	0.926	974.29	1446.1	498.6	80.4	0.961	1.033	1.001	-0.064	1.033	0.004	-0.004	-0.22	0.20
18	14.000	0.926	972.41	1444.7	497.0	80.4	0.966	1.039	1.002	-0.075	1.039	0.003	-0.002	-0.11	0.19
19	14.333	0.925	973.96	1443.5	497.4	80.6	0.979	1.050	1.001	-0.097	1.050	0.004	0.000	0.02	0.21
20	14.666	0.927	975.93	1445.9	499.5	80.5	0.992	1.058	1.000	-0.116	1.058	0.004	0.003	0.14	0.20
21	15.000	0.925	976.53	1444.2	499.2	80.6	1.000	1.065	1.001	-0.129	1.065	0.004	0.005	0.29	0.21
22	15.333	0.924	973.75	1444.3	497.4	80.4	1.008	1.075	1.001	-0.149	1.075	0.004	0.009	0.47	0.24
23	15.666	0.925	973.41	1443.2	497.0	80.5	1.012	1.079	1.002	-0.157	1.079	0.005	0.013	0.67	0.25
24	16.000	0.927	975.54	1444.5	498.8	80.4	1.018	1.082	1.001	-0.164	1.082	0.005	0.015	0.80	0.27
25	16.333	0.925	973.39	1445.9	498.0	80.5	1.001	1.069	1.000	-0.139	1.069	0.006	0.017	0.92	0.30
26	16.666	0.925	973.47	1444.5	497.6	80.4	0.970	1.041	1.001	-0.082	1.041	0.004	0.018	1.01	0.24
27	17.000	0.927	975.24	1444.4	498.6	80.4	0.941	1.013	1.001	-0.025	1.013	0.005	0.018	1.04	0.27
28	17.333	0.925	974.04	1445.0	498.0	80.5	0.932	1.006	1.001	-0.011	1.006	0.005	0.018	1.02	0.26
29	17.666	0.925	973.58	1445.2	497.9	80.4	0.921	0.997	1.001	0.008	0.997	0.005	0.017	0.97	0.28
30	18.000	0.926	974.90	1443.9	498.2	80.4	0.915	0.990	1.001	0.022	0.990	0.005	0.016	0.93	0.27
31	18.333	0.923	972.34	1445.1	497.1	80.4	0.910	0.987	1.001	0.027	0.987	0.005	0.014	0.81	0.29
32	18.666	0.924	973.09	1444.5	497.4	80.3	0.906	0.983	1.001	0.036	0.983	0.005	0.013	0.73	0.28
33	19.000	0.926	974.91	1443.4	498.0	80.4	0.906	0.981	1.001	0.039	0.981	0.004	0.011	0.67	0.24

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1128	3.005	-0.01	69	2.00	-5.00	6-302	2-8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	10.333	0.979	975.67	1442.2	499.5	79.5	0.923	0.995	1.000	0.010	0.995	0.002	-0.000	-0.00	0.09
6	11.000	0.978	974.12	1441.1	498.4	79.6	0.918	0.990	1.001	0.022	0.990	0.002	-0.008	-0.49	0.11
7	11.666	0.974	977.05	1440.9	495.9	79.7	0.918	0.995	1.001	0.012	0.995	0.002	-0.011	-0.61	0.12
8	12.333	0.975	973.38	1442.2	497.1	79.8	0.922	0.997	1.001	0.008	0.997	0.001	-0.011	-0.64	0.07
9	13.000	0.977	974.50	1441.5	497.6	79.6	0.928	1.001	1.001	0.001	1.001	0.001	-0.011	-0.63	0.06
10	13.666	0.978	978.05	1440.3	497.9	79.7	0.933	1.005	1.001	-0.008	1.005	0.000	-0.009	-0.56	0.03
11	14.333	0.975	977.86	1441.1	496.4	79.7	0.938	1.012	1.001	-0.023	1.012	-0.000	-0.006	-0.36	-0.02
12	15.000	0.978	976.13	1442.0	498.6	79.8	0.943	1.013	1.000	-0.026	1.013	-0.001	-0.002	-0.09	-0.07
14	15.666	0.977	974.65	1442.7	498.0	79.8	0.965	1.035	1.001	-0.068	1.035	-0.001	0.005	0.30	-0.06
15	16.333	0.975	973.29	1442.6	497.2	79.7	0.944	1.017	1.001	-0.033	1.017	-0.001	0.013	0.75	-0.06
16	17.000	0.978	975.40	1441.7	498.2	79.6	0.936	1.008	1.001	-0.014	1.008	-0.000	0.015	0.87	-0.01
17	17.666	0.977	974.69	1441.2	497.5	79.7	0.926	0.999	1.001	0.003	0.999	-0.000	0.015	0.84	-0.03
19	18.333	0.975	973.76	1443.1	497.5	80.0	0.919	0.994	1.001	0.013	0.994	-0.000	0.013	0.75	-0.00
20	19.000	0.975	973.04	1442.8	497.1	79.8	0.915	0.991	1.002	0.020	0.991	-0.000	0.010	0.61	-0.02

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1130	2.993	-0.01	69	2.00	-3.00	6-307	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	10.000	0.925	973.61	1442.7	497.0	80.5	0.920	0.986	1.001	0.011	0.996	0.004	0.000	0.02	0.24
3	10.333	0.926	974.56	1444.5	498.1	80.6	0.910	0.985	1.001	0.032	0.985	0.006	-0.007	-0.30	0.36
4	10.666	0.926	974.72	1443.7	498.1	80.4	0.908	0.984	1.001	0.034	0.983	0.006	-0.009	-0.55	0.38
5	11.000	0.927	975.04	1445.4	499.3	80.5	0.910	0.984	1.001	0.034	0.983	0.006	-0.012	-0.71	0.36
6	11.333	0.927	975.90	1444.0	499.5	80.4	0.911	0.984	1.001	0.033	0.984	0.006	-0.015	-0.85	0.35
7	11.666	0.928	976.12	1443.3	498.7	80.5	0.913	0.987	1.001	0.029	0.986	0.005	-0.016	-0.93	0.31
8	12.000	0.924	972.46	1444.0	497.1	80.4	0.915	0.992	1.001	0.017	0.992	0.004	-0.017	-1.00	0.26
9	12.333	0.924	973.19	1444.7	497.3	80.5	0.920	0.996	1.002	0.011	0.996	0.004	-0.017	-0.99	0.21
10	12.666	0.925	974.24	1444.0	497.7	80.7	0.925	0.999	1.001	0.003	0.999	0.003	-0.017	-0.97	0.17
11	13.000	0.927	975.79	1445.1	498.9	80.4	0.930	1.003	1.001	-0.004	1.002	0.002	-0.016	-0.92	0.13
12	13.333	0.927	975.17	1444.2	498.5	80.4	0.933	1.006	1.001	-0.010	1.006	0.001	-0.015	-0.85	0.07
13	13.666	0.928	976.29	1444.3	499.1	80.6	0.937	1.008	1.001	-0.016	1.008	0.001	-0.013	-0.72	0.07
14	14.000	0.929	977.21	1444.5	499.8	80.4	0.941	1.011	1.001	-0.020	1.011	0.000	-0.010	-0.58	0.02
15	14.333	0.925	973.71	1444.4	497.7	80.4	0.943	1.017	1.001	-0.032	1.017	0.000	-0.007	-0.39	0.01
16	14.666	0.927	975.13	1445.0	499.7	80.4	0.964	1.034	1.001	-0.066	1.034	-0.000	-0.003	-0.17	-0.01
17	15.000	0.928	976.33	1445.9	499.7	80.4	0.976	1.043	1.001	-0.086	1.043	-0.000	0.002	0.09	-0.06
18	15.333	0.922	971.10	1445.0	496.4	80.4	0.981	1.053	1.001	-0.106	1.053	0.001	0.007	0.39	0.03
19	15.666	0.922	970.62	1443.3	495.5	80.4	0.980	1.053	1.001	-0.105	1.053	0.001	0.013	0.72	0.06
20	16.000	0.930	977.74	1445.3	500.4	80.4	0.985	1.059	1.001	-0.118	1.059	0.003	0.019	1.02	0.14
21	16.333	0.926	974.89	1445.1	498.5	80.6	0.978	1.047	1.001	-0.093	1.047	0.005	0.023	1.24	0.25
22	16.666	0.928	976.32	1444.7	499.2	80.6	0.961	1.030	1.001	-0.059	1.030	0.006	0.025	1.40	0.34
23	17.000	0.924	972.79	1445.2	497.4	80.4	0.934	1.010	1.001	-0.018	1.009	0.006	0.025	1.42	0.34
24	17.333	0.925	974.08	1444.7	498.0	80.4	0.927	1.002	1.001	-0.002	1.002	0.006	0.024	1.39	0.35
25	17.666	0.928	976.27	1443.8	498.9	80.4	0.922	0.995	1.001	0.012	0.995	0.006	0.023	1.34	0.33
26	18.000	0.924	972.66	1445.5	497.6	80.4	0.914	0.991	1.001	0.070	0.991	0.005	0.021	1.20	0.31
27	18.333	0.926	974.41	1444.6	498.2	80.4	0.910	0.985	1.001	0.031	0.985	0.005	0.019	1.08	0.28
28	18.666	0.929	976.97	1444.1	499.4	80.5	0.909	0.982	1.001	0.037	0.982	0.004	0.017	0.97	0.24
29	19.000	0.925	974.12	1445.3	498.2	80.4	0.907	0.983	1.001	0.036	0.983	0.004	0.014	0.81	0.24

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1131	2.994	-0.01	68	2.00	-2.00	6-308.		2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	10.000	0.923	972.60	1443.2	496.5	80.7	0.904	0.982	1.001	0.039	0.982	0.008	-0.005	-0.27	0.49
4	10.333	0.929	977.31	1444.2	499.6	80.7	0.904	0.977	1.001	0.049	0.977	0.009	-0.008	-0.48	0.53
5	10.666	0.928	974.62	1445.2	495.6	80.5	0.900	0.974	1.001	0.053	0.974	0.009	-0.013	-0.79	0.53
6	11.000	0.923	972.27	1445.5	497.2	80.4	0.998	0.976	1.001	0.049	0.976	0.009	-0.018	-1.07	0.51
7	11.333	0.924	972.54	1444.6	497.0	80.5	0.900	0.978	1.000	0.045	0.977	0.007	-0.023	-1.33	0.43
8	11.666	0.924	972.91	1445.1	497.4	80.6	0.906	0.983	1.001	0.035	0.983	0.006	-0.025	-1.46	0.33
9	12.000	0.924	973.71	1445.6	497.8	80.5	0.912	0.989	1.001	0.023	0.989	0.004	-0.026	-1.50	0.24
10	12.333	0.925	973.60	1443.4	497.1	80.7	0.919	0.995	1.001	0.013	0.995	0.003	-0.026	-1.47	0.16
11	12.666	0.927	975.53	1445.4	498.9	80.7	0.926	1.000	1.001	0.002	0.999	0.001	-0.024	-1.37	0.05
12	13.000	0.926	975.06	1444.4	498.3	80.7	0.932	1.005	1.002	-0.008	1.005	-0.000	-0.021	-1.22	-0.01
13	13.333	0.927	975.52	1444.5	498.7	80.6	0.937	1.009	1.001	-0.016	1.009	-0.001	-0.019	-1.08	-0.05
14	13.666	0.928	976.43	1444.0	499.3	80.4	0.941	1.012	1.001	-0.022	1.012	-0.001	-0.016	-0.90	-0.07
15	14.000	0.923	971.96	1444.8	496.8	80.5	0.943	1.019	1.001	-0.036	1.019	-0.002	-0.012	-0.66	-0.10
16	14.333	0.924	972.57	1443.8	496.8	80.5	0.964	1.037	1.001	-0.073	1.037	-0.002	-0.007	-0.38	-0.10
17	14.666	0.925	973.92	1444.1	497.7	80.5	0.979	1.049	1.001	-0.097	1.049	-0.001	-0.001	-0.06	-0.07
18	15.000	0.927	975.57	1445.7	499.1	80.5	0.990	1.057	1.001	-0.112	1.057	0.001	0.005	0.26	0.03
19	15.333	0.928	976.63	1443.5	499.0	80.5	0.995	1.060	1.002	-0.119	1.060	0.002	0.011	0.62	0.09
20	15.666	0.924	973.13	1445.3	497.6	80.6	0.999	1.068	1.001	-0.135	1.068	0.004	0.019	1.01	0.22
21	16.000	0.926	974.99	1445.8	498.9	80.5	1.001	1.068	1.001	-0.135	1.068	0.007	0.025	1.35	0.36
22	16.333	0.925	974.04	1444.8	498.0	80.4	0.993	1.051	1.001	-0.122	1.061	0.010	0.031	1.65	0.54
23	16.666	0.924	973.10	1444.9	497.5	80.5	0.961	1.034	1.001	-0.066	1.033	0.012	0.032	1.79	0.65
24	17.000	0.925	974.67	1445.6	498.6	80.6	0.937	1.010	1.001	-0.019	1.009	0.012	0.033	1.89	0.68
25	17.333	0.927	975.73	1444.0	498.6	80.6	0.927	1.000	1.001	0.003	0.999	0.012	0.032	1.82	0.68
26	17.666	0.925	973.75	1446.2	498.3	80.5	0.916	0.992	1.000	0.017	0.991	0.011	0.030	1.71	0.64
27	18.000	0.926	974.25	1444.5	498.0	80.5	0.907	0.983	1.001	0.036	0.982	0.010	0.026	1.52	0.56
28	18.333	0.925	973.49	1444.7	497.6	80.5	0.903	0.980	1.001	0.043	0.980	0.009	0.022	1.31	0.51
29	18.666	0.924	972.49	1444.7	497.0	80.5	0.898	0.976	1.001	0.049	0.976	0.007	0.019	1.09	0.42
30	19.000	0.925	973.99	1444.2	497.8	90.4	0.909	0.976	1.002	0.051	0.976	0.006	0.016	0.93	0.38

TEST	PART	PFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1132	2.992	-0.01	68	2.00	-1.00	6-309	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	10.000	0.923	971.97	1441.9	495.8	80.5	0.893	0.972	1.002	0.060	0.972	0.012	-0.004	-0.23	0.69
2	10.333	0.924	973.06	1443.8	497.1	80.5	0.883	0.961	1.002	0.080	0.961	0.015	-0.012	-0.70	0.87
3	10.666	0.923	972.08	1445.7	497.1	80.5	0.875	0.955	1.001	0.092	0.954	0.017	-0.025	-1.48	1.01
4	11.000	0.923	971.81	1444.2	496.5	80.5	0.871	0.952	1.001	0.097	0.951	0.015	-0.040	-2.42	0.88
5	11.333	0.922	971.67	1444.4	496.4	80.6	0.881	0.961	1.001	0.079	0.960	0.009	-0.050	-2.97	0.52
6	11.666	0.923	972.36	1444.3	496.8	80.5	0.896	0.974	1.001	0.053	0.973	0.002	-0.052	-3.07	0.13
7	12.000	0.924	973.23	1444.8	497.4	80.6	0.909	0.986	1.001	0.029	0.985	-0.003	-0.050	-2.92	-0.15
8	12.333	0.925	973.53	1444.1	497.4	80.5	0.920	0.996	1.002	0.011	0.995	-0.006	-0.046	-2.63	-0.32
9	12.666	0.926	974.57	1443.7	497.8	80.6	0.928	1.002	1.001	-0.002	1.001	-0.007	-0.040	-2.27	-0.41
10	13.000	0.927	975.40	1444.8	498.7	80.6	0.935	1.007	1.001	-0.012	1.007	-0.008	-0.034	-1.93	-0.45
11	13.333	0.929	976.30	1444.5	499.1	80.7	0.940	1.011	1.001	-0.021	1.011	-0.008	-0.028	-1.60	-0.46
12	13.666	0.928	976.55	1444.6	499.3	80.7	0.944	1.015	1.001	-0.028	1.015	-0.008	-0.023	-1.28	-0.43
13	14.000	0.922	971.32	1444.4	496.1	80.7	0.964	1.039	1.001	-0.075	1.038	-0.006	-0.016	-0.87	-0.34
14	14.333	0.924	972.76	1445.0	497.2	80.6	0.977	1.049	1.000	-0.098	1.049	-0.005	-0.008	-0.44	-0.27
15	14.666	0.929	973.59	1444.9	497.7	80.5	0.992	1.061	1.001	-0.121	1.061	-0.003	0.001	0.05	-0.18
16	15.000	0.926	974.32	1444.1	497.9	80.5	1.004	1.071	1.002	-0.140	1.071	-0.000	0.009	0.50	-0.02
17	15.333	0.926	972.99	1444.9	497.3	80.5	1.012	1.080	1.001	-0.159	1.080	0.002	0.019	1.00	0.13
18	15.666	0.926	972.78	1444.5	497.2	80.4	1.013	1.080	1.001	-0.160	1.080	0.006	0.028	1.47	0.33
19	16.000	0.925	974.01	1444.1	497.7	80.6	1.014	1.080	1.001	-0.159	1.079	0.011	0.036	1.89	0.57
20	16.333	0.929	976.45	1445.6	499.7	80.5	1.010	1.074	1.000	-0.147	1.073	0.016	0.043	2.27	0.85
21	16.666	0.923	972.23	1444.6	496.8	80.6	0.978	1.050	1.001	-0.097	1.048	0.018	0.046	2.49	1.01
22	17.000	0.924	972.60	1443.0	496.5	80.6	0.937	1.013	1.002	-0.072	1.011	0.018	0.046	2.61	1.04
23	17.333	0.927	975.67	1445.3	499.0	80.7	0.924	0.998	1.001	0.006	0.996	0.018	0.045	2.58	1.06
24	17.666	0.922	970.90	1443.5	495.6	80.7	0.906	0.986	1.002	0.031	0.985	0.017	0.040	2.34	0.96
25	18.000	0.925	974.71	1445.5	498.2	80.7	0.894	0.971	1.001	0.060	0.970	0.013	0.034	2.01	0.80
26	18.333	0.927	975.93	1445.4	499.2	80.7	0.886	0.962	1.001	0.078	0.962	0.011	0.027	1.60	0.63
27	18.666	0.926	974.52	1445.0	498.2	80.7	0.886	0.963	1.001	0.075	0.963	0.008	0.021	1.26	0.48
28	19.000	0.926	974.58	1445.6	498.5	80.6	0.888	0.965	1.001	0.071	0.965	0.007	0.017	1.02	0.40

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1126	2.999	-0.01	68	4.00	-5.00	6-303	2- 8-77	TRANSONIC 4T

POINT	X	V	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
9	11.000	0.924	977.70	1442.2	496.7	79.6	0.915	0.991	1.001	0.019	0.991	0.002	-0.007	-0.40	0.11
10	11.666	0.926	976.18	1441.7	497.4	79.8	0.918	0.992	1.001	0.017	0.992	0.005	-0.008	-0.48	0.30
11	12.333	0.927	975.37	1443.0	498.5	79.8	0.922	0.995	1.001	0.011	0.995	0.005	-0.009	-0.54	0.29
12	13.000	0.928	975.83	1442.7	498.6	79.9	0.926	0.998	1.001	0.005	0.998	0.004	-0.010	-0.56	0.23
13	13.666	0.928	975.60	1443.0	498.5	80.0	0.933	1.005	1.001	-0.008	1.005	0.003	-0.009	-0.51	0.17
14	14.333	0.928	975.61	1443.2	498.6	80.0	0.936	1.008	1.001	-0.013	1.007	0.001	-0.007	-0.41	0.07
15	15.000	0.926	976.55	1442.2	497.6	80.0	0.940	1.012	1.001	-0.023	1.012	-0.001	-0.003	-0.17	-0.04
18	15.666	0.924	972.84	1442.5	496.7	80.1	0.958	1.031	1.001	-0.061	1.031	-0.002	0.004	0.22	-0.12
19	16.333	0.927	974.85	1442.9	498.0	80.0	0.961	1.031	1.001	-0.061	1.031	-0.003	0.012	0.66	-0.16
21	17.000	0.926	974.62	1443.7	498.2	80.0	0.939	1.011	1.001	-0.021	1.011	-0.002	0.017	0.95	-0.11
22	17.666	0.924	972.56	1443.2	495.8	80.0	0.975	1.002	1.001	-0.002	1.001	-0.002	0.016	0.91	-0.10
23	18.333	0.926	974.44	1442.0	497.6	79.9	0.919	0.993	1.001	0.016	0.993	-0.001	0.014	0.80	-0.07
24	19.000	0.927	975.26	1443.1	498.4	80.0	0.917	0.990	1.001	0.021	0.990	-0.001	0.012	0.67	-0.06

TEST	PART	PTX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1133	3.001	-0.01	68	4.00	-3.00	6-310	7- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
6	11.000	0.926	974.92	1445.0	498.5	80.6	0.910	0.985	1.001	0.031	0.985	0.006	-0.006	-0.35	0.35
7	11.333	0.927	975.86	1444.6	498.9	80.7	0.911	0.985	1.001	0.031	0.985	0.012	-0.013	-0.73	0.72
8	11.666	0.928	976.28	1444.3	499.0	80.7	0.913	0.987	1.001	0.028	0.987	0.013	-0.015	-0.85	0.74
9	12.000	0.927	975.70	1445.5	499.2	80.6	0.915	0.989	1.001	0.024	0.988	0.013	-0.017	-0.96	0.74
10	12.333	0.927	975.99	1444.1	498.7	80.6	0.917	0.991	1.001	0.020	0.990	0.012	-0.018	-1.04	0.71
11	12.666	0.928	976.51	1445.2	499.5	80.6	0.921	0.994	1.001	0.014	0.994	0.011	-0.019	-1.11	0.66
12	13.000	0.924	973.13	1444.8	497.3	80.7	0.922	0.998	1.001	0.005	0.998	0.009	-0.020	-1.13	0.52
13	13.333	0.925	974.31	1445.3	498.2	80.6	0.928	1.002	1.001	-0.003	1.002	0.008	-0.020	-1.13	0.45
14	13.666	0.925	974.23	1443.6	497.7	80.5	0.931	1.005	1.001	-0.008	1.005	0.006	-0.019	-1.09	0.36
15	14.000	0.927	975.84	1446.1	499.4	80.7	0.936	1.009	1.000	-0.017	1.008	0.004	-0.018	-1.00	0.25
16	14.333	0.926	974.91	1445.0	498.4	80.7	0.940	1.013	1.001	-0.023	1.013	0.002	-0.016	-0.90	0.14
17	14.666	0.925	973.54	1445.0	497.6	80.7	0.942	1.017	1.000	-0.033	1.016	-0.000	-0.012	-0.70	-0.00
18	15.000	0.926	974.37	1444.9	498.1	80.6	0.966	1.037	1.001	-0.073	1.037	-0.002	-0.008	-0.43	-0.12
19	15.333	0.927	975.69	1444.8	498.9	80.6	0.980	1.048	1.001	-0.095	1.048	-0.004	-0.002	-0.10	-0.23
20	15.666	0.928	976.81	1445.4	499.7	80.7	0.993	1.059	1.001	-0.117	1.059	-0.005	0.005	0.26	-0.28
21	16.000	0.925	973.89	1445.6	498.1	80.6	0.990	1.059	1.001	-0.117	1.059	-0.005	0.013	0.68	-0.28
22	16.333	0.926	975.32	1444.5	498.5	80.7	0.990	1.058	1.001	-0.115	1.058	-0.004	0.019	1.05	-0.23
23	16.666	0.929	977.44	1445.3	500.0	80.6	0.981	1.047	1.001	-0.093	1.047	-0.002	0.024	1.33	-0.10
24	17.000	0.924	973.37	1445.4	497.7	80.7	0.939	1.013	1.001	-0.075	1.013	-0.000	0.025	1.39	-0.02
25	17.333	0.927	975.43	1444.7	498.6	80.7	0.930	1.004	1.000	-0.006	1.003	0.001	0.024	1.39	0.03
26	17.666	0.924	973.45	1447.1	498.3	80.8	0.922	0.998	1.001	0.006	0.997	0.001	0.023	1.32	0.04
27	18.000	0.924	972.95	1444.5	497.1	80.7	0.912	0.989	1.001	0.023	0.989	0.001	0.019	1.13	0.04
28	18.333	0.926	975.16	1444.9	498.6	80.6	0.909	0.984	1.000	0.033	0.984	0.001	0.017	0.99	0.05
29	18.666	0.926	974.45	1445.2	498.3	80.5	0.907	0.983	1.001	0.036	0.983	0.001	0.014	0.81	0.07
30	19.000	0.926	974.30	1446.0	498.5	80.7	0.905	0.981	1.001	0.038	0.981	0.001	0.011	0.66	0.05

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1134	3.001	-0.01	68	4.00	-2.00	6-311	2- 8-77	TRANSONIC 4T

POINT	X	W	VW	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	0.929	976.78	1443.6	499.1	80.6	0.904	0.977	1.001	0.047	0.977	0.017	-0.011	-0.62	0.97
3	11.333	0.924	972.69	1444.9	497.1	80.7	0.903	0.981	1.001	0.040	0.980	0.019	-0.014	-0.83	1.08
4	11.666	0.924	973.05	1445.5	497.6	80.5	0.904	0.981	1.001	0.039	0.981	0.019	-0.018	-1.03	1.13
5	12.000	0.924	973.38	1444.9	497.6	80.6	0.906	0.983	1.001	0.035	0.983	0.020	-0.021	-1.23	1.16
6	12.333	0.925	974.37	1444.4	497.9	80.7	0.910	0.986	1.001	0.029	0.986	0.019	-0.024	-1.41	1.10
7	12.666	0.926	974.44	1445.2	499.6	80.6	0.916	0.990	1.001	0.020	0.990	0.017	-0.027	-1.57	1.00
8	13.000	0.927	975.54	1443.9	498.4	80.7	0.921	0.995	1.001	0.012	0.994	0.014	-0.029	-1.67	0.83
9	13.333	0.928	976.57	1444.8	499.3	80.7	0.927	0.999	1.001	0.003	0.999	0.011	-0.029	-1.68	0.61
10	13.666	0.923	971.73	1444.6	496.4	80.7	0.931	1.008	1.001	-0.013	1.007	0.007	-0.028	-1.58	0.39
11	14.000	0.924	977.68	1444.3	497.0	80.6	0.937	1.012	1.001	-0.022	1.012	0.003	-0.025	-1.41	0.18
12	14.333	0.925	974.60	1445.8	498.6	80.5	0.943	1.015	1.000	-0.030	1.015	-0.000	-0.021	-1.19	-0.01
13	14.666	0.927	975.15	1443.5	498.7	80.5	0.967	1.037	1.001	-0.073	1.037	-0.004	-0.016	-0.89	-0.20
14	15.000	0.925	973.62	1444.1	497.4	80.6	0.981	1.051	1.001	-0.102	1.051	-0.006	-0.010	-0.34	-0.33
15	15.333	0.924	972.75	1445.0	497.2	80.7	0.990	1.060	1.002	-0.119	1.060	-0.009	-0.002	-0.09	-0.48
16	15.666	0.925	973.96	1443.0	497.3	80.7	0.996	1.066	1.001	-0.177	1.064	-0.010	0.008	0.41	-0.53
17	16.000	0.928	976.70	1445.7	499.8	80.7	1.010	1.074	1.000	-0.148	1.074	-0.010	0.019	0.99	-0.52
18	16.333	0.925	974.11	1446.7	498.6	80.7	1.003	1.071	1.001	-0.140	1.070	-0.007	0.028	1.40	-0.35
19	16.666	0.926	974.60	1444.1	498.0	80.6	0.982	1.051	1.000	-0.101	1.050	-0.002	0.032	1.75	-0.11
20	17.000	0.928	974.14	1445.8	499.5	80.6	0.942	1.014	1.001	-0.026	1.013	0.001	0.034	1.94	0.05
21	17.333	0.923	971.92	1443.5	496.3	80.7	0.976	1.003	1.001	-0.005	1.003	0.001	0.033	1.86	0.07
22	17.666	0.924	973.44	1443.8	497.7	80.7	0.913	0.990	1.001	0.021	0.989	0.002	0.030	1.71	0.10
23	18.000	0.927	978.43	1446.6	499.3	80.7	0.906	0.980	1.001	0.040	0.980	0.002	0.025	1.46	0.11
24	18.333	0.927	975.68	1442.9	498.2	80.7	0.899	0.974	1.001	0.054	0.974	0.002	0.021	1.21	0.10
25	18.666	0.924	973.46	1446.7	497.5	80.7	0.895	0.973	1.001	0.056	0.973	0.001	0.016	0.92	0.08
26	19.000	0.926	975.29	1444.8	498.6	80.7	0.897	0.973	1.001	0.056	0.973	0.001	0.012	0.71	0.08

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1139	3.000	-0.01	68	4.00	-1.00	6-312	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	0.928	976.98	1443.1	499.0	80.6	0.895	0.969	1.001	0.063	0.969	0.023	-0.008	-0.46	1.35
3	11.333	0.923	972.40	1444.9	497.0	80.6	0.894	0.973	1.001	0.056	0.972	0.027	-0.011	-0.67	1.61
4	11.666	0.924	973.01	1445.1	497.4	80.6	0.891	0.970	1.001	0.062	0.969	0.031	-0.017	-1.00	1.84
5	12.000	0.925	974.08	1444.4	497.7	80.7	0.892	0.969	1.001	0.062	0.968	0.034	-0.024	-1.43	2.04
6	12.333	0.925	974.34	1445.7	498.4	80.6	0.895	0.972	1.001	0.058	0.971	0.035	-0.034	-2.02	2.07
7	12.666	0.926	974.66	1443.5	497.9	80.5	0.900	0.976	1.001	0.049	0.975	0.030	-0.045	-2.63	1.77
8	13.000	0.927	975.65	1444.9	498.9	80.6	0.911	0.985	1.001	0.031	0.984	0.021	-0.051	-2.98	1.25
9	13.333	0.926	974.35	1444.0	497.8	80.6	0.922	0.996	1.002	0.010	0.995	0.011	-0.051	-2.92	0.63
10	13.666	0.928	976.69	1445.2	499.5	80.8	0.933	1.005	1.000	-0.009	1.003	0.003	-0.047	-2.67	0.16
11	14.000	0.922	971.65	1445.0	496.9	80.7	0.936	1.014	1.001	-0.027	1.013	-0.004	-0.040	-2.25	-0.24
12	14.333	0.923	972.74	1444.1	496.6	80.6	0.961	1.035	1.001	-0.067	1.034	-0.010	-0.032	-1.77	-0.53
13	14.666	0.925	973.78	1444.4	497.6	80.7	0.982	1.052	1.001	-0.103	1.051	-0.014	-0.024	-1.30	-0.78
14	15.000	0.927	975.57	1445.8	499.1	80.7	0.999	1.065	1.000	-0.130	1.065	-0.017	-0.013	-0.71	-0.94
15	15.333	0.922	971.46	1444.3	496.3	80.7	1.006	1.076	1.001	-0.151	1.076	-0.020	-0.002	-0.13	-1.06
16	15.666	0.923	972.49	1444.9	497.0	80.7	1.011	1.079	1.001	-0.158	1.079	-0.020	0.010	0.56	-1.06
17	16.000	0.925	974.40	1445.3	498.2	80.7	1.008	1.074	1.000	-0.149	1.074	-0.019	0.024	1.27	-0.99
18	16.333	0.927	975.44	1444.7	498.7	80.6	1.000	1.066	1.001	-0.132	1.066	-0.012	0.036	1.93	-0.66
19	16.666	0.925	974.06	1445.4	498.1	80.7	0.988	1.058	1.000	-0.116	1.057	-0.005	0.044	2.36	-0.26
20	17.000	0.924	973.28	1444.2	497.3	80.6	0.942	1.016	1.000	-0.032	1.015	-0.001	0.046	2.57	-0.07
21	17.333	0.927	975.37	1445.8	499.0	80.7	0.923	0.997	1.000	0.006	0.996	0.001	0.045	2.58	0.06
22	17.666	0.928	976.58	1445.3	499.4	80.8	0.904	0.978	1.000	0.043	0.977	0.001	0.040	2.36	0.06
23	18.000	0.924	973.30	1445.8	497.7	80.8	0.886	0.965	1.000	0.071	0.964	0.001	0.031	1.86	0.04
24	18.333	0.926	974.62	1445.0	498.3	80.7	0.877	0.955	1.000	0.091	0.955	0.000	0.023	1.37	0.03
25	18.666	0.928	976.31	1444.0	498.9	80.7	0.879	0.955	1.000	0.091	0.954	0.000	0.017	1.00	0.00
26	19.000	0.924	973.14	1445.0	497.4	80.7	0.885	0.963	1.000	0.074	0.963	0.000	0.012	0.73	0.03

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1129	3.001	-0.01	68	7.00	-5.00	6-304	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	13.000	0.927	978.19	1442.5	498.1	80.0	0.915	0.989	1.000	0.023	0.989	0.005	-0.007	-0.39	0.29
5	13.666	0.926	974.74	1444.1	499.3	80.1	0.927	1.000	1.001	0.001	1.000	0.008	-0.010	-0.55	0.47
6	14.333	0.929	977.01	1442.8	499.3	80.1	0.931	1.002	1.001	-0.003	1.002	0.007	-0.009	-0.54	0.39
7	15.000	0.927	975.38	1443.5	498.5	80.1	0.936	1.008	1.001	-0.015	1.008	0.005	-0.008	-0.46	0.26
8	15.666	0.926	974.03	1444.4	498.0	80.1	0.938	1.012	1.001	-0.022	1.012	0.002	-0.005	-0.29	0.11
9	16.333	0.928	976.44	1442.6	498.8	80.1	0.943	1.013	1.001	-0.025	1.013	-0.001	0.001	0.04	-0.05
10	17.000	0.923	971.94	1444.0	496.7	80.0	0.936	1.012	1.001	-0.023	1.012	-0.001	0.006	0.37	-0.07
11	17.666	0.927	975.17	1443.3	498.3	80.1	0.928	1.001	1.001	-0.001	1.001	-0.001	0.008	0.44	-0.08
12	18.333	0.926	974.25	1442.9	497.6	80.1	0.922	0.996	1.001	0.009	0.996	-0.001	0.007	0.38	-0.06
13	19.000	0.930	977.83	1443.3	499.9	80.0	0.919	0.990	1.001	0.021	0.990	-0.001	0.005	0.28	-0.03

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-444	1136	3.006	-0.01	68	7.00	-3.00	6-313	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	13.000	0.928	976.59	1446.8	500.1	80.7	0.921	0.993	1.001	0.014	0.993	0.013	-0.015	-0.87	0.72
5	13.333	0.927	975.66	1442.7	498.1	80.7	0.923	0.997	1.001	0.009	0.997	0.013	-0.011	-0.64	0.75
6	13.666	0.924	977.63	1444.8	497.0	80.7	0.923	1.000	1.001	0.001	1.000	0.012	-0.012	-0.71	0.71
7	14.000	0.925	974.35	1445.9	498.4	80.7	0.927	1.001	1.001	-0.002	1.001	0.012	-0.012	-0.71	0.67
8	14.333	0.927	975.59	1445.5	499.0	80.7	0.930	1.003	1.000	-0.006	1.003	0.011	-0.013	-0.76	0.63
9	14.666	0.927	976.11	1444.0	498.8	80.7	0.933	1.005	1.001	-0.008	1.005	0.009	-0.014	-0.79	0.52
10	15.000	0.928	977.18	1445.2	499.8	80.8	0.937	1.008	1.001	-0.014	1.008	0.007	-0.014	-0.77	0.41
11	15.333	0.924	977.66	1444.5	497.1	80.7	0.938	1.013	1.001	-0.025	1.013	0.004	-0.012	-0.69	0.22
12	15.666	0.926	974.94	1444.7	498.4	80.7	0.943	1.015	1.000	-0.030	1.015	0.001	-0.010	-0.57	0.04
13	16.000	0.928	975.65	1445.3	500.0	80.5	0.971	1.039	1.001	-0.077	1.039	-0.003	-0.007	-0.38	-0.18
14	16.333	0.925	973.75	1445.2	497.8	80.7	0.978	1.049	1.001	-0.097	1.049	-0.006	-0.001	-0.03	-0.35
15	16.666	0.925	974.10	1443.4	497.4	80.7	0.988	1.057	1.001	-0.113	1.057	-0.008	0.008	0.41	-0.43
16	17.000	0.924	973.03	1446.0	497.7	80.7	0.979	1.050	1.001	-0.099	1.050	-0.008	0.015	0.81	-0.45
17	17.333	0.923	972.78	1445.2	497.0	80.6	0.933	1.009	1.001	-0.017	1.009	-0.007	0.015	0.87	-0.40
18	17.666	0.924	974.37	1444.9	498.1	80.6	0.925	1.000	1.000	0.000	1.000	-0.006	0.014	0.83	-0.36
19	18.000	0.927	976.27	1445.4	499.3	80.7	0.920	0.993	1.001	0.016	0.993	-0.006	0.013	0.76	-0.37
20	18.333	0.922	971.54	1443.6	495.9	80.8	0.912	0.991	1.001	0.021	0.991	-0.005	0.011	0.62	-0.26
21	18.666	0.925	973.98	1446.3	498.3	80.7	0.910	0.987	1.001	0.024	0.986	-0.003	0.008	0.48	-0.20
22	19.000	0.927	975.82	1445.0	499.3	80.7	0.910	0.984	1.001	0.033	0.984	-0.003	0.006	0.37	-0.16

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1137	2.986	-0.01	68	7.00	-2.00	6-314	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
7	13.000	0.924	973.12	1444.1	497.1	80.7	0.915	0.992	1.001	0.010	0.992	0.016	-0.010	-0.59	0.98
8	13.333	0.925	973.85	1443.5	497.3	80.8	0.919	0.995	1.001	0.012	0.995	0.017	-0.011	-0.66	0.97
9	13.666	0.926	974.89	1446.0	498.8	80.7	0.923	0.997	1.001	0.008	0.997	0.018	-0.013	-0.72	1.01
10	14.000	0.927	975.35	1443.7	498.2	80.7	0.925	0.999	1.001	0.005	0.999	0.017	-0.015	-0.84	0.97
11	14.333	0.924	973.06	1446.4	497.8	80.7	0.927	1.002	1.000	-0.004	1.002	0.017	-0.016	-0.91	0.96
12	14.666	0.924	972.78	1443.7	496.7	80.8	0.929	1.005	1.001	-0.008	1.005	0.014	-0.018	-1.32	0.81
13	15.000	0.925	975.02	1446.4	499.0	80.7	0.934	1.008	1.001	-0.014	1.007	0.011	-0.019	-1.10	0.62
14	15.333	0.927	975.87	1446.0	498.6	80.7	0.939	1.011	1.001	-0.021	1.011	0.007	-0.020	-1.11	0.37
15	15.666	0.924	973.29	1446.1	497.9	80.7	0.958	1.031	1.000	-0.062	1.031	0.000	-0.018	-0.99	0.01
16	16.000	0.924	973.51	1444.1	497.3	80.7	0.979	1.049	1.001	-0.098	1.049	-0.006	-0.013	-0.70	-0.36
17	16.333	0.927	976.05	1444.4	498.9	80.7	1.010	1.075	1.001	-0.149	1.075	-0.012	-0.004	-0.21	-0.64
18	16.666	0.927	975.58	1445.3	498.9	80.7	1.038	1.100	1.001	-0.200	1.100	-0.015	0.010	0.52	-0.77
19	17.000	0.925	974.07	1445.1	497.9	80.8	0.994	1.062	1.001	-0.124	1.062	-0.014	0.021	1.14	-0.76
20	17.333	0.926	975.07	1445.8	498.8	80.8	0.937	1.010	1.001	-0.018	1.010	-0.013	0.023	1.28	-0.73
21	17.666	0.928	977.23	1444.4	499.6	80.7	0.923	0.985	1.001	0.012	0.984	-0.011	0.021	1.23	-0.65
22	18.000	0.924	973.18	1446.1	497.8	80.7	0.912	0.989	1.000	0.023	0.988	-0.009	0.017	0.97	-0.54
23	18.333	0.925	973.58	1444.2	497.4	80.6	0.906	0.982	1.001	0.038	0.982	-0.008	0.013	0.73	-0.45
24	18.666	0.927	975.62	1445.2	498.9	80.7	0.904	0.979	1.001	0.044	0.979	-0.006	0.009	0.54	-0.33
25	19.000	0.923	972.51	1445.3	497.0	80.9	0.902	0.981	1.001	0.041	0.981	-0.004	0.006	0.33	-0.23

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1130	3.001	-0.01	58	7.00	-1.00	6-315	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	13.000	0.928	975.67	1449.0	499.4	80.9	0.915	0.988	1.001	0.025	0.988	0.020	-0.007	-0.42	1.16
4	13.333	0.924	973.02	1446.5	497.8	80.7	0.916	0.993	1.001	0.016	0.993	0.022	-0.008	-0.48	1.26
5	13.666	0.924	973.59	1443.5	497.1	80.8	0.917	0.993	1.002	0.016	0.993	0.023	-0.010	-0.59	1.32
6	14.000	0.926	974.71	1445.0	498.3	80.8	0.920	0.995	1.001	0.012	0.994	0.025	-0.013	-0.73	1.44
7	14.333	0.927	975.58	1444.3	498.6	80.7	0.922	0.995	1.001	0.011	0.995	0.027	-0.016	-0.94	1.53
8	14.666	0.928	977.04	1443.9	499.3	80.7	0.924	0.996	1.001	0.010	0.996	0.027	-0.022	-1.26	1.56
31	15.000	0.924	973.00	1445.1	497.4	80.7	0.927	1.003	1.001	-0.004	1.002	0.024	-0.029	-1.66	1.35
32	15.333	0.923	972.57	1445.2	497.1	80.7	0.931	1.007	1.001	-0.012	1.006	0.014	-0.035	-2.01	0.78
33	15.666	0.925	973.74	1444.5	497.6	80.7	0.942	1.016	1.001	-0.030	1.015	0.000	-0.035	-1.99	0.01
34	16.000	0.926	976.94	1444.7	498.4	80.7	0.985	1.063	1.001	-0.124	1.062	-0.013	-0.030	-1.60	-0.70
35	16.333	0.922	971.71	1446.1	496.7	80.7	1.036	1.103	1.001	-0.205	1.102	-0.020	-0.013	-0.70	-1.04
36	16.666	0.928	977.65	1445.3	499.8	80.7	1.083	1.136	1.000	-0.273	1.136	-0.028	0.012	0.59	-1.61
37	17.000	0.923	972.57	1445.9	497.3	80.6	0.983	1.054	1.000	-0.109	1.054	-0.025	0.025	1.37	-1.34
38	17.333	0.927	975.81	1445.0	499.0	80.6	0.929	1.002	0.998	-0.006	1.001	-0.022	0.032	1.85	-1.27
39	17.666	0.928	976.90	1445.9	499.9	80.7	0.914	0.987	0.999	0.024	0.986	-0.019	0.031	1.82	-1.10
40	18.000	0.923	971.97	1445.2	496.7	80.8	0.898	0.977	1.000	0.046	0.977	-0.015	0.024	1.39	-0.90
41	18.333	0.924	973.63	1445.7	497.9	80.8	0.887	0.965	0.999	0.049	0.965	-0.012	0.015	0.87	-0.73
42	18.666	0.925	974.20	1447.2	498.8	80.7	0.886	0.965	0.999	0.060	0.965	-0.009	0.009	0.51	-0.55
43	19.000	0.924	972.41	1443.9	496.8	80.7	0.891	0.970	1.000	0.060	0.970	-0.007	0.005	0.28	-0.40

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-604	1139	3.006	-0.01	68	-4.00	-5.00	6-316	2- 6-77	

POINT	X	M	VM	PT	Q	TT	VL	VMT/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	11.000	0.975	974.19	1447.7	499.0	80.8	0.972	0.997	0.999	0.005	0.997	0.013	-0.010	-0.58	0.72
4	12.333	0.975	975.17	1443.3	498.0	80.7	0.972	0.996	1.001	0.011	0.996	-0.007	-0.009	-0.53	-0.38
5	13.666	0.975	973.77	1445.3	497.9	80.6	0.931	1.005	1.000	-0.010	1.005	-0.004	-0.009	-0.50	-0.23
6	15.000	0.975	973.80	1444.5	498.3	80.6	0.940	1.014	1.001	-0.027	1.014	-0.000	-0.002	-0.13	-0.00
7	16.333	0.975	974.59	1446.8	498.1	80.9	0.945	1.018	1.002	-0.033	1.018	0.003	0.012	0.66	0.14
8	17.666	0.976	974.68	1445.8	498.6	80.7	0.927	1.001	1.001	0.000	1.001	0.001	0.015	0.88	0.05
10	19.000	0.976	974.83	1443.3	497.8	80.7	0.915	0.990	1.001	0.022	0.990	0.000	0.011	0.62	0.02

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	114C	2.997	-2.01	69	-4.00	-3.00		6-317	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	0.927	975.58	1442.9	498.1	80.7	0.908	0.983	1.001	0.036	0.983	-0.007	-0.007	-0.42	-0.38
3	12.333	0.924	973.37	1445.0	497.9	80.7	0.918	0.994	1.000	0.013	0.994	-0.007	-0.015	-0.85	-0.42
4	13.666	0.924	974.85	1445.4	498.5	80.7	0.932	1.006	1.001	-0.010	1.006	-0.001	-0.016	-0.90	-0.06
5	15.000	0.926	975.10	1444.5	498.3	80.9	0.969	1.039	1.001	-0.077	1.039	0.007	-0.005	-0.25	0.41
8	16.333	0.924	974.63	1444.5	498.1	80.7	0.993	1.061	1.002	-0.120	1.061	0.012	0.022	1.21	0.64
9	17.666	0.929	977.73	1444.4	499.6	80.7	0.923	0.995	1.000	0.010	0.995	0.005	0.026	1.47	0.31
10	19.000	0.929	977.29	1446.4	500.4	80.6	0.907	0.980	1.000	0.040	0.980	0.005	0.014	0.84	0.27

TEST	PART	RPX10-6	ALFA	WING	Y	Z	PWR SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1141	2.996	-0.01	68	-4.00	-1.00	6-318	2- 8-77	TRANSONIC 4T

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	11.000	0.922	976.85	1445.3	496.2	80.7	0.882	0.972	1.000	0.056	0.972	-0.019	-0.007	-0.41	-1.15
5	12.333	0.924	973.77	1446.1	498.2	80.7	0.895	0.973	1.001	0.056	0.972	-0.032	-0.035	-2.05	-1.87
6	13.466	0.927	976.00	1443.8	498.7	80.7	0.931	1.004	1.001	-0.006	1.003	-0.000	-0.045	-2.58	-0.03
7	15.000	0.924	975.30	1445.5	498.8	80.7	0.994	1.061	1.001	-0.122	1.061	0.021	-0.013	-0.70	1.18
8	16.333	0.928	974.41	1444.7	499.2	80.7	1.002	1.067	1.000	-0.135	1.066	0.019	0.034	1.83	1.02
10	17.666	0.926	974.56	1445.4	498.4	80.6	0.902	0.979	1.000	0.044	0.977	0.004	0.040	2.32	0.23
12	19.000	0.927	975.70	1445.0	498.9	80.7	0.886	0.962	1.000	0.076	0.962	0.004	0.012	0.69	0.27

TEST	PART	PRXIO-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1142	3.002	-0.01	68	-7.00	-5.00	6-319	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	VL	VPL/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	13.666	0.926	974.78	1445.8	498.6	80.7	0.918	0.992	1.000	0.015	0.992	-0.007	-0.006	-0.37	-0.40
5	15.000	0.923	977.57	1444.0	496.7	80.7	0.935	1.010	1.001	-0.019	1.010	-0.003	0.003	0.17	-0.18
7	16.333	0.925	973.44	1444.5	497.5	80.7	0.941	1.015	1.001	-0.028	1.015	0.003	0.012	0.66	0.17
8	17.666	0.927	975.42	1445.5	499.0	80.6	0.929	1.003	1.001	-0.004	1.002	0.004	0.019	1.06	0.22
9	19.000	0.929	976.55	1443.9	499.0	80.7	0.919	0.992	1.001	0.019	0.991	0.002	0.015	0.89	0.11

TEST	PART	RFX10-6	ALPA	WING	Y	Z	PWT SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1143	2.990	-0.01	68	-7.00	-3.00	6-320	2- 8-77	TRANSONIC 4T

POINT	X	W	VW	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	13.466	0.927	975.04	1443.1	498.4	80.7	0.925	0.998	1.002	0.008	0.998	-0.009	-0.004	-0.22	-0.52
3	15.000	0.926	974.59	1444.6	498.1	80.7	0.937	1.010	1.001	-0.020	1.010	-0.004	-0.005	-0.28	-0.21
4	16.133	0.975	973.83	1445.5	499.0	80.6	0.981	1.051	1.001	-0.100	1.051	0.010	0.008	0.43	0.54
5	17.466	0.927	975.53	1443.3	498.3	80.5	0.927	1.000	1.001	0.002	0.999	0.010	0.023	1.32	0.60
6	19.000	0.978	976.14	1444.8	499.2	80.6	0.912	0.986	1.001	0.030	0.985	0.006	0.014	0.84	0.37

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1144	3.000	-0.01	68	-7.00	-1.00	6-321	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
3	13.666	0.925	976.19	1445.1	499.1	80.5	0.917	0.992	1.000	0.016	0.992	-0.022	-0.000	-0.03	-1.26
6	15.000	0.925	976.08	1446.3	498.4	80.7	0.927	1.002	1.001	-0.003	1.001	-0.023	-0.022	-1.24	-1.30
7	16.333	0.925	973.19	1443.7	497.2	80.7	1.048	1.110	1.001	-0.219	1.110	0.022	-0.002	-0.11	1.15
8	17.666	0.926	976.77	1444.8	499.5	80.7	0.912	0.985	0.999	0.029	0.984	0.018	0.039	2.25	1.06
10	19.000	0.924	973.20	1443.6	496.8	81.0	0.893	0.971	0.999	0.056	0.971	0.006	0.012	0.74	0.37

TEST	PART	PTX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1145	2.999	-0.01	60	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BHTL
17	-6.000	0.926	974.54	1444.7	496.1	80.7	0.919	0.994	1.001	0.013	0.994	0.003	0.009	0.51	0.15
18	-5.500	0.927	975.37	1445.1	498.8	80.6	0.918	0.992	1.001	0.018	0.992	0.003	0.008	0.48	0.15
19	-5.000	0.926	975.28	1444.1	498.3	80.7	0.918	0.993	1.001	0.016	0.993	0.003	0.008	0.49	0.16
20	-4.500	0.926	975.08	1445.3	498.4	80.7	0.918	0.992	1.000	0.016	0.992	0.002	0.008	0.48	0.14
21	-4.000	0.926	974.67	1445.6	498.5	80.7	0.917	0.992	1.000	0.017	0.992	0.002	0.008	0.47	0.13
22	-3.500	0.924	973.29	1444.4	497.3	80.7	0.916	0.992	1.001	0.017	0.992	0.002	0.008	0.47	0.14
23	-3.000	0.924	972.93	1446.0	497.6	80.7	0.916	0.992	1.000	0.016	0.992	0.002	0.008	0.44	0.13
24	-2.500	0.923	972.31	1443.9	496.5	80.7	0.915	0.992	1.001	0.017	0.992	0.002	0.007	0.41	0.13
25	-2.000	0.924	972.94	1445.0	497.3	80.7	0.916	0.993	1.000	0.015	0.993	0.002	0.007	0.40	0.14
26	-1.500	0.923	971.64	1445.8	496.9	80.6	0.915	0.993	1.000	0.015	0.993	0.002	0.007	0.39	0.14
27	-1.000	0.926	975.28	1443.6	498.1	80.8	0.918	0.992	1.001	0.018	0.992	0.002	0.006	0.36	0.13
28	-0.500	0.926	975.03	1447.1	499.2	80.7	0.918	0.993	1.000	0.016	0.993	0.002	0.006	0.34	0.14
29	0.000	0.923	972.45	1443.6	496.6	80.7	0.916	0.993	1.001	0.016	0.993	0.003	0.005	0.30	0.15
30	0.500	0.924	973.01	1444.6	497.2	80.7	0.917	0.994	1.000	0.014	0.993	0.002	0.005	0.27	0.13
31	1.000	0.926	975.10	1446.0	498.9	80.6	0.919	0.993	1.001	0.015	0.993	0.002	0.004	0.24	0.13
32	1.500	0.924	973.30	1443.2	496.9	80.6	0.917	0.993	1.001	0.015	0.993	0.002	0.004	0.22	0.14
33	2.000	0.923	971.94	1444.1	496.4	80.6	0.917	0.995	1.001	0.012	0.995	0.003	0.004	0.22	0.15
34	2.500	0.926	974.71	1446.0	498.8	80.5	0.917	0.992	1.000	0.017	0.992	0.002	0.003	0.17	0.14
35	3.000	0.925	974.41	1444.1	497.8	80.5	0.919	0.994	1.001	0.013	0.994	0.002	0.002	0.12	0.13
36	3.500	0.924	973.64	1445.0	497.3	80.7	0.920	0.996	1.001	0.009	0.996	0.002	0.002	0.12	0.13
37	4.000	0.922	971.57	1444.9	496.5	80.6	0.919	0.996	1.001	0.009	0.996	0.003	0.002	0.13	0.15
38	4.500	0.921	970.69	1445.0	496.0	80.6	0.918	0.997	1.000	0.007	0.997	0.002	0.002	0.10	0.14
39	5.000	0.926	974.75	1444.7	498.4	80.5	0.922	0.997	1.001	0.008	0.997	0.002	0.002	0.09	0.14
40	5.500	0.925	974.15	1445.2	498.1	80.6	0.922	0.997	1.000	0.007	0.997	0.002	0.002	0.10	0.12
41	6.000	0.924	973.15	1444.8	497.5	80.4	0.921	0.997	1.001	0.007	0.997	0.002	0.002	0.11	0.14
42	6.500	0.925	973.53	1445.8	498.1	80.4	0.921	0.997	1.000	0.006	0.997	0.002	0.002	0.13	0.11
43	7.000	0.923	971.76	1443.4	496.2	80.4	0.920	0.998	1.001	0.006	0.998	0.002	0.002	0.12	0.12
44	7.500	0.927	975.56	1445.4	499.1	80.4	0.921	0.994	1.000	0.012	0.994	0.002	0.002	0.14	0.13
45	8.000	0.927	975.28	1444.6	498.6	80.6	0.923	0.996	1.001	0.009	0.996	0.002	0.002	0.13	0.11
46	8.500	0.927	974.27	1445.1	498.7	80.6	0.922	0.996	1.000	0.009	0.996	0.002	0.003	0.15	0.13
47	9.000	0.926	974.50	1444.6	498.2	80.6	0.921	0.995	1.001	0.010	0.995	0.002	0.003	0.15	0.13
48	9.500	0.924	974.53	1445.0	498.3	80.6	0.921	0.996	1.000	0.010	0.996	0.002	0.003	0.17	0.13
49	10.000	0.925	974.24	1445.2	498.1	80.7	0.921	0.996	1.001	0.010	0.996	0.002	0.003	0.17	0.10
50	10.500	0.925	973.83	1444.1	497.7	80.4	0.920	0.995	1.001	0.011	0.995	0.002	0.003	0.18	0.11
51	11.000	0.926	974.74	1444.5	498.3	80.5	0.921	0.995	1.001	0.012	0.995	0.002	0.003	0.18	0.11
52	11.500	0.926	974.30	1443.9	497.6	80.5	0.921	0.996	1.001	0.010	0.996	0.002	0.003	0.18	0.10
53	12.000	0.927	975.80	1445.0	499.0	80.7	0.922	0.995	1.001	0.011	0.995	0.002	0.003	0.20	0.11
54	12.500	0.927	975.34	1445.4	498.8	80.7	0.923	0.996	1.000	0.008	0.996	0.002	0.004	0.22	0.12
55	13.000	0.924	973.22	1445.1	497.6	80.5	0.920	0.996	1.000	0.008	0.996	0.002	0.005	0.27	0.09
56	13.500	0.926	974.90	1444.8	498.4	80.6	0.922	0.996	1.000	0.008	0.996	0.002	0.005	0.28	0.10
58	14.000	0.921	970.67	1444.2	495.7	80.6	0.922	1.000	1.001	0.001	1.000	0.002	0.006	0.32	0.12
59	14.500	0.925	973.60	1443.7	497.4	80.5	0.922	0.997	1.001	0.007	0.997	0.002	0.006	0.36	0.12
64	15.000	0.925	973.91	1445.3	498.0	80.4	0.924	0.999	1.001	0.003	0.999	0.002	0.007	0.40	0.11
69	15.500	0.926	974.27	1445.4	498.3	80.5	0.926	1.000	1.001	0.002	1.000	0.002	0.008	0.44	0.11

TEST	PART	REX10-6	ALFA	WING	YT	ZT	PWN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1145	2.999	-0.01	68	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
70	16.000	0.928	976.34	1442.3	498.4	80.5	0.924	0.997	1.001	0.009	0.997	0.002	0.008	0.47	0.11
71	16.500	0.929	977.29	1444.5	499.7	80.6	0.924	0.996	1.000	0.009	0.996	0.002	0.009	0.50	0.11
72	17.000	0.924	973.06	1445.7	497.7	80.6	0.923	0.999	1.001	0.004	0.999	0.002	0.009	0.54	0.10
73	17.500	0.927	975.31	1444.3	498.5	80.6	0.922	0.996	1.001	0.010	0.996	0.002	0.010	0.57	0.10
74	18.000	0.929	977.09	1444.5	499.6	80.6	0.924	0.995	1.000	0.009	0.995	0.002	0.010	0.58	0.11
76	18.500	0.926	974.71	1444.8	498.3	80.6	0.922	0.997	1.001	0.009	0.997	0.002	0.010	0.60	0.09
77	19.000	0.925	974.54	1443.8	497.9	80.5	0.921	0.996	1.001	0.010	0.996	0.002	0.011	0.61	0.10
78	19.500	0.928	976.46	1444.6	499.3	80.6	0.922	0.994	1.000	0.012	0.994	0.002	0.010	0.60	0.10
79	20.000	0.929	976.17	1444.6	499.1	80.6	0.921	0.994	1.001	0.013	0.994	0.002	0.010	0.60	0.11
80	20.500	0.924	972.71	1444.2	497.0	80.4	0.919	0.996	1.000	0.009	0.996	0.002	0.011	0.61	0.10
81	21.000	0.926	974.34	1445.0	498.2	80.5	0.919	0.994	1.001	0.013	0.994	0.002	0.011	0.61	0.10
82	21.500	0.930	977.87	1445.5	500.4	80.5	0.921	0.992	1.000	0.016	0.992	0.002	0.010	0.59	0.11
83	22.000	0.926	974.71	1444.3	498.1	80.7	0.920	0.994	1.000	0.012	0.994	0.002	0.010	0.59	0.10
84	22.500	0.927	975.82	1444.5	498.9	80.5	0.920	0.993	1.001	0.014	0.993	0.002	0.010	0.59	0.11
85	23.000	0.929	977.19	1446.2	500.3	80.5	0.921	0.993	1.000	0.014	0.993	0.002	0.011	0.61	0.09
86	23.500	0.923	972.16	1444.3	496.6	80.6	0.916	0.993	1.001	0.015	0.993	0.002	0.011	0.62	0.11
87	24.000	0.928	976.45	1443.7	499.0	80.5	0.921	0.994	1.001	0.014	0.994	0.002	0.011	0.62	0.10

TEST	PART	RPX10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1146	2.998	-0.01	48	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
4	-6.000	0.924	973.36	1444.5	497.4	80.6	0.916	0.992	1.002	0.019	0.992	0.002	0.008	0.49	0.13
5	-5.500	0.924	973.31	1444.1	497.2	80.7	0.916	0.992	1.000	0.016	0.992	0.003	0.002	0.13	0.17
6	-5.000	0.925	974.03	1445.5	498.2	80.5	0.917	0.993	1.001	0.016	0.993	0.003	0.002	0.12	0.17
7	-4.500	0.925	973.50	1444.6	497.5	80.6	0.916	0.992	1.001	0.017	0.992	0.003	0.002	0.12	0.16
8	-4.000	0.924	973.30	1444.4	497.3	80.6	0.915	0.992	1.001	0.018	0.992	0.003	0.002	0.11	0.15
9	-3.500	0.923	972.28	1445.0	497.1	80.4	0.915	0.992	1.001	0.017	0.992	0.003	0.002	0.10	0.18
10	-3.000	0.922	971.10	1444.5	496.1	80.5	0.914	0.993	1.001	0.017	0.992	0.003	0.001	0.06	0.20
11	-2.500	0.926	975.06	1444.2	499.3	80.6	0.916	0.991	1.001	0.019	0.991	0.003	0.001	0.07	0.19
12	-2.000	0.926	974.65	1445.4	498.4	80.7	0.916	0.991	1.000	0.018	0.991	0.004	0.001	0.05	0.21
13	-1.500	0.925	973.57	1445.2	497.9	80.5	0.915	0.991	1.000	0.018	0.991	0.003	0.000	0.03	0.20
14	-1.000	0.923	972.58	1444.7	497.0	80.7	0.914	0.992	1.001	0.018	0.992	0.004	0.000	0.01	0.21
15	-0.500	0.923	971.75	1444.9	496.5	80.7	0.914	0.992	1.001	0.017	0.992	0.004	-0.000	-0.01	0.25
16	0.000	0.927	975.44	1444.0	496.5	80.5	0.917	0.991	1.001	0.019	0.991	0.004	-0.000	-0.02	0.24
17	0.500	0.926	974.31	1444.6	498.1	80.5	0.917	0.992	1.001	0.018	0.992	0.005	-0.001	-0.06	0.26
18	1.000	0.925	973.94	1444.7	497.8	80.6	0.916	0.992	1.001	0.018	0.992	0.005	-0.001	-0.05	0.27
19	1.500	0.924	972.54	1444.9	497.1	80.6	0.915	0.992	1.001	0.016	0.992	0.005	-0.001	-0.09	0.27
20	2.000	0.923	971.70	1445.7	497.0	80.5	0.916	0.994	1.000	0.014	0.994	0.005	-0.002	-0.11	0.29
21	2.500	0.926	975.05	1444.2	499.3	80.6	0.918	0.992	1.001	0.017	0.992	0.005	-0.002	-0.11	0.30
22	3.000	0.925	974.42	1445.5	498.4	80.6	0.919	0.993	1.000	0.014	0.993	0.005	-0.002	-0.11	0.29
23	3.500	0.923	971.90	1444.0	496.5	80.5	0.917	0.995	1.001	0.012	0.995	0.005	-0.002	-0.13	0.30
24	4.000	0.923	971.83	1445.6	496.9	80.5	0.917	0.995	1.000	0.010	0.995	0.005	-0.003	-0.16	0.30
25	4.500	0.927	970.76	1444.6	495.0	80.5	0.918	0.996	1.001	0.009	0.996	0.005	-0.003	-0.16	0.30
26	5.000	0.927	976.03	1444.7	499.0	80.6	0.922	0.995	1.000	0.012	0.995	0.005	-0.003	-0.15	0.30
27	5.500	0.926	974.89	1445.1	498.6	80.5	0.922	0.996	1.000	0.009	0.996	0.005	-0.003	-0.16	0.29
28	6.000	0.925	974.13	1444.5	498.0	80.5	0.921	0.996	1.001	0.009	0.996	0.005	-0.003	-0.16	0.28
29	6.500	0.925	973.59	1444.9	497.7	80.6	0.921	0.997	1.001	0.008	0.997	0.005	-0.003	-0.17	0.28
30	7.000	0.925	973.45	1443.8	497.2	80.6	0.920	0.996	1.001	0.009	0.996	0.004	-0.003	-0.15	0.24
31	7.500	0.923	972.42	1444.4	496.9	80.5	0.920	0.997	1.001	0.007	0.997	0.005	-0.003	-0.16	0.26
32	8.000	0.923	972.25	1445.8	497.3	80.4	0.919	0.996	1.001	0.008	0.996	0.004	-0.003	-0.14	0.25
33	8.500	0.923	972.48	1444.0	496.7	80.6	0.920	0.997	1.000	0.007	0.997	0.004	-0.002	-0.13	0.24
34	9.000	0.923	971.59	1444.6	496.4	80.5	0.919	0.997	1.001	0.008	0.997	0.004	-0.003	-0.14	0.23
35	9.500	0.923	972.19	1445.2	497.0	80.5	0.919	0.996	1.001	0.009	0.996	0.004	-0.003	-0.16	0.21
36	10.000	0.923	971.73	1443.9	496.3	80.6	0.918	0.996	1.001	0.010	0.996	0.004	-0.002	-0.11	0.22
38	10.500	0.924	972.47	1446.7	497.8	80.4	0.921	0.998	1.000	0.006	0.998	0.004	-0.002	-0.13	0.23
39	11.000	0.924	972.50	1443.5	496.7	80.4	0.918	0.995	1.000	0.011	0.995	0.004	-0.002	-0.12	0.23
40	11.500	0.925	973.40	1444.9	497.6	80.5	0.919	0.995	1.000	0.010	0.995	0.004	-0.002	-0.11	0.22
41	12.000	0.925	973.79	1445.1	497.8	80.7	0.920	0.996	1.001	0.010	0.996	0.004	-0.002	-0.13	0.22
42	12.500	0.926	974.97	1443.9	498.1	80.7	0.921	0.996	1.001	0.010	0.996	0.004	-0.002	-0.10	0.21
43	13.000	0.928	976.66	1445.3	499.6	80.7	0.923	0.995	1.000	0.010	0.995	0.003	-0.002	-0.10	0.19
44	13.500	0.928	976.40	1445.0	499.4	80.5	0.923	0.996	1.001	0.010	0.996	0.003	-0.001	-0.07	0.19
45	14.000	0.924	973.44	1443.8	497.2	80.7	0.922	0.998	1.000	0.005	0.998	0.003	-0.001	-0.05	0.18
46	14.500	0.928	976.77	1445.3	499.4	80.6	0.925	0.998	1.001	0.005	0.998	0.003	-0.000	-0.03	0.18
47	15.000	0.925	973.60	1444.9	497.9	80.4	0.924	0.999	1.000	0.002	0.999	0.002	0.000	0.01	0.13
48	15.500	0.926	974.79	1444.8	499.3	80.6	0.927	1.000	1.001	-0.000	1.000	0.002	0.000	0.02	0.10

TEST	PART	RNX10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1146	2.998	-0.01	60	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
49	15.000	0.926	974.44	1444.5	498.2	80.5	0.926	1.000	1.001	0.003	1.000	0.001	0.001	0.07	0.08
50	16.500	0.925	974.09	1443.9	497.6	80.5	0.925	1.000	1.001	0.002	1.000	0.001	0.002	0.12	0.07
51	17.000	0.923	972.23	1445.1	497.0	80.5	0.924	1.001	1.000	-0.000	1.001	0.001	0.003	0.17	0.05
52	17.500	0.926	974.73	1445.2	498.4	80.7	0.923	0.997	1.001	0.008	0.997	0.001	0.003	0.18	0.05
53	18.000	0.925	973.75	1444.0	497.4	80.7	0.921	0.997	1.001	0.008	0.997	0.000	0.003	0.18	0.01
54	18.500	0.926	974.51	1444.6	496.2	80.4	0.923	0.997	1.000	0.007	0.997	0.000	0.004	0.21	0.02
55	19.000	0.925	977.08	1446.5	500.3	80.6	0.922	0.994	1.000	0.011	0.994	0.000	0.004	0.23	0.00
56	19.500	0.926	975.03	1445.0	498.6	80.5	0.920	0.994	1.001	0.012	0.994	-0.000	0.004	0.21	-0.00
57	20.000	0.927	975.36	1444.9	498.7	80.6	0.921	0.995	1.000	0.010	0.995	0.001	0.004	0.21	0.03
58	20.500	0.927	975.61	1444.5	498.7	80.7	0.920	0.994	1.001	0.013	0.994	0.000	0.003	0.20	0.02
59	21.000	0.928	976.33	1444.7	499.3	80.5	0.920	0.993	1.001	0.015	0.993	0.000	0.003	0.19	0.02
60	21.500	0.928	974.50	1444.3	498.7	80.6	0.921	0.993	1.001	0.015	0.993	0.001	0.003	0.19	0.03
61	22.000	0.930	978.04	1444.8	500.7	80.7	0.922	0.993	1.001	0.016	0.993	0.001	0.003	0.18	0.05
62	22.500	0.928	976.48	1444.6	499.3	80.6	0.921	0.994	1.000	0.013	0.994	0.001	0.003	0.18	0.03
63	23.000	0.930	978.02	1444.9	500.3	80.5	0.922	0.993	1.001	0.016	0.993	0.001	0.003	0.17	0.04
64	23.500	0.927	975.35	1444.2	498.5	80.6	0.920	0.994	1.001	0.014	0.994	0.000	0.004	0.21	0.01
65	24.000	0.928	977.77	1445.0	500.2	80.6	0.921	0.993	1.000	0.015	0.993	0.001	0.003	0.18	0.03

TEST	PART	PTX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1147	3.000	-0.01	68	14.14	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	HT/VM	AATL	BNTL
2	-6.000	0.925	973.60	1445.1	497.8	80.6	0.916	0.992	1.002	0.021	0.992	0.003	0.003	0.16	0.17
3	-5.500	0.923	972.15	1445.8	497.3	80.4	0.915	0.992	1.001	0.017	0.992	0.003	0.005	0.30	0.16
4	-5.000	0.922	971.44	1447.2	495.5	80.6	0.914	0.992	1.002	0.018	0.992	0.003	0.005	0.29	0.17
5	-4.500	0.929	972.38	1444.3	499.7	80.5	0.918	0.990	1.000	0.021	0.990	0.003	0.005	0.29	0.17
6	-4.000	0.927	975.86	1445.1	499.2	80.4	0.917	0.991	1.001	0.020	0.991	0.003	0.005	0.30	0.20
7	-3.500	0.927	971.18	1446.8	496.3	80.4	0.913	0.992	1.001	0.018	0.992	0.003	0.005	0.28	0.19
8	-3.000	0.924	972.46	1444.3	496.9	80.5	0.914	0.991	1.001	0.019	0.991	0.003	0.005	0.29	0.20
9	-2.500	0.924	972.58	1445.0	497.2	80.4	0.913	0.990	1.001	0.020	0.990	0.004	0.005	0.31	0.22
10	-2.000	0.923	971.79	1443.8	496.4	80.4	0.913	0.991	1.001	0.021	0.991	0.004	0.005	0.30	0.22
11	-1.500	0.923	972.43	1445.1	497.1	80.5	0.913	0.990	1.000	0.019	0.990	0.004	0.005	0.29	0.24
12	-1.000	0.925	974.04	1445.0	498.0	80.5	0.913	0.959	1.001	0.023	0.989	0.005	0.005	0.29	0.27
13	-0.500	0.927	975.29	1444.6	499.6	80.5	0.916	0.990	1.001	0.021	0.990	0.005	0.005	0.28	0.28
14	0.000	0.926	974.68	1444.4	498.1	80.6	0.915	0.990	1.001	0.021	0.990	0.005	0.005	0.26	0.28
15	0.500	0.926	974.40	1445.8	498.5	80.6	0.915	0.990	1.000	0.019	0.990	0.005	0.005	0.26	0.30
16	1.000	0.925	973.57	1444.5	497.6	80.4	0.915	0.991	1.000	0.020	0.991	0.006	0.005	0.26	0.33
17	1.500	0.929	973.57	1445.7	497.8	80.5	0.915	0.991	1.000	0.018	0.991	0.006	0.005	0.28	0.36
18	2.000	0.924	973.03	1444.6	497.3	80.5	0.916	0.992	1.001	0.018	0.992	0.006	0.005	0.28	0.36
19	2.500	0.924	972.90	1444.2	497.1	80.5	0.915	0.992	1.001	0.017	0.992	0.007	0.005	0.26	0.38
20	3.000	0.924	972.90	1444.4	497.1	80.7	0.916	0.993	1.001	0.017	0.993	0.006	0.005	0.28	0.37
21	3.500	0.924	973.23	1445.3	497.7	80.5	0.916	0.993	1.000	0.015	0.993	0.007	0.004	0.25	0.38
22	4.000	0.924	973.23	1445.3	497.7	80.5	0.916	0.993	1.000	0.015	0.993	0.007	0.005	0.26	0.38
23	4.500	0.924	972.86	1444.8	497.3	80.4	0.917	0.994	1.001	0.014	0.994	0.007	0.004	0.24	0.38
24	5.000	0.926	972.64	1444.1	496.9	80.5	0.917	0.994	1.001	0.013	0.994	0.007	0.005	0.27	0.39
25	5.500	0.925	973.52	1445.8	498.0	80.5	0.918	0.994	1.000	0.011	0.994	0.006	0.005	0.27	0.35
26	6.000	0.924	973.03	1445.3	497.5	80.6	0.918	0.994	1.000	0.012	0.994	0.006	0.004	0.25	0.33
27	6.500	0.924	972.43	1444.4	497.1	80.4	0.918	0.995	1.001	0.012	0.995	0.006	0.004	0.24	0.34
28	7.000	0.925	973.33	1445.8	497.9	80.4	0.920	0.995	1.000	0.009	0.995	0.006	0.004	0.25	0.32
29	7.500	0.924	973.27	1444.4	497.4	80.4	0.919	0.995	1.001	0.010	0.995	0.005	0.004	0.24	0.31
30	8.000	0.925	973.64	1443.8	497.3	80.6	0.919	0.995	1.001	0.011	0.995	0.006	0.004	0.25	0.33
31	8.500	0.926	974.78	1445.4	498.4	80.4	0.920	0.995	1.001	0.012	0.995	0.005	0.004	0.26	0.30
32	9.000	0.926	974.52	1444.8	498.2	80.5	0.920	0.995	1.001	0.011	0.995	0.005	0.004	0.24	0.30
33	9.500	0.926	975.06	1445.4	498.8	80.5	0.920	0.994	1.000	0.013	0.994	0.005	0.004	0.25	0.28
34	10.000	0.927	975.84	1444.7	499.0	80.5	0.921	0.994	1.001	0.013	0.994	0.005	0.004	0.25	0.28
35	10.500	0.928	976.35	1444.9	499.4	80.4	0.921	0.993	1.000	0.014	0.993	0.005	0.004	0.24	0.29
36	11.000	0.925	973.42	1443.9	497.3	80.4	0.920	0.996	1.001	0.009	0.996	0.005	0.004	0.24	0.31
37	11.500	0.924	972.66	1444.8	497.2	80.4	0.919	0.996	1.001	0.009	0.996	0.005	0.004	0.24	0.28
38	12.000	0.925	973.63	1444.1	497.5	80.5	0.920	0.996	1.001	0.010	0.995	0.005	0.004	0.24	0.31
39	12.500	0.926	974.31	1444.6	498.1	80.5	0.921	0.996	1.001	0.010	0.996	0.005	0.004	0.25	0.29
40	13.000	0.927	975.64	1444.0	498.6	80.5	0.923	0.996	1.001	0.010	0.996	0.005	0.004	0.23	0.29
41	13.500	0.929	977.02	1444.0	499.5	80.4	0.924	0.996	1.001	0.009	0.996	0.005	0.004	0.23	0.29
42	14.000	0.924	973.10	1444.9	497.5	80.5	0.922	0.998	1.001	0.005	0.998	0.005	0.004	0.23	0.29
43	14.500	0.925	974.15	1443.8	497.7	80.4	0.924	0.999	1.001	0.003	0.999	0.004	0.004	0.23	0.24
44	15.000	0.928	976.11	1444.3	499.1	80.4	0.926	0.999	1.001	0.004	0.999	0.004	0.004	0.24	0.21
45	15.500	0.925	973.83	1445.3	498.1	80.4	0.927	1.002	1.000	-0.004	1.002	0.003	0.004	0.28	0.17

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-444	1147	3,000	-0,01	68	14,14	0,00	7-503	2- 8-77	TRANSONIC 4T

POINT	X*	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
47	16.000	0.925	974.09	1443.7	497.6	80.5	0.927	1.002	1.001	-0.001	1.002	0.002	0.004	0.24	0.09
48	16.500	0.929	977.31	1446.4	500.5	80.4	0.930	1.001	1.000	-0.001	1.001	0.000	0.004	0.26	0.02
49	17.000	0.925	973.77	1443.9	497.5	80.4	0.926	1.001	1.001	-0.001	1.001	-0.001	0.004	0.24	-0.05
50	17.500	0.927	975.33	1443.1	498.2	80.4	0.927	1.000	1.001	0.002	1.000	-0.002	0.004	0.24	-0.12
51	18.000	0.926	974.24	1444.3	498.0	80.4	0.924	0.999	1.001	0.004	0.999	-0.002	0.004	0.24	-0.14
52	18.500	0.929	976.99	1445.5	500.0	80.4	0.924	0.995	1.000	0.010	0.995	-0.003	0.004	0.25	-0.15
53	19.000	0.925	973.37	1444.5	497.5	80.4	0.920	0.995	1.000	0.010	0.995	-0.002	0.005	0.27	-0.14
54	19.500	0.927	975.63	1443.8	498.6	80.4	0.921	0.994	1.001	0.013	0.994	-0.002	0.005	0.28	-0.12
55	20.000	0.926	974.50	1445.1	498.4	80.4	0.919	0.994	1.000	0.012	0.994	-0.002	0.004	0.25	-0.10
56	20.500	0.924	974.94	1445.0	498.6	80.4	0.921	0.995	1.001	0.012	0.995	-0.002	0.004	0.25	-0.11
57	21.000	0.927	975.68	1443.9	496.8	80.4	0.919	0.992	1.001	0.016	0.992	-0.001	0.004	0.26	-0.08
58	21.500	0.925	974.13	1445.5	498.3	80.5	0.920	0.995	1.000	0.010	0.995	-0.001	0.005	0.26	-0.07
59	22.000	0.926	974.70	1443.9	498.1	80.4	0.919	0.993	1.001	0.015	0.993	-0.001	0.004	0.25	-0.06
60	22.500	0.927	975.39	1444.4	498.7	80.4	0.920	0.994	1.000	0.012	0.994	-0.001	0.004	0.25	-0.06
61	23.000	0.928	974.68	1444.1	499.4	80.3	0.921	0.993	1.001	0.016	0.993	-0.001	0.004	0.24	-0.07
62	23.500	0.927	975.59	1444.6	498.9	80.4	0.920	0.994	1.000	0.013	0.994	-0.001	0.004	0.26	-0.06
63	24.000	0.927	975.23	1444.3	498.5	80.4	0.920	0.994	1.001	0.014	0.994	-0.001	0.004	0.24	-0.06

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TF-494	1149	3.005	-0.01	68	-10.00	-10.00	7-504	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
2	-6.000	0.928	976.13	1445.2	499.6	80.4	0.918	0.991	1.001	0.019	0.991	0.003	0.005	0.29	0.15
3	-4.000	0.924	977.87	1443.8	497.0	80.4	0.916	0.993	1.001	0.016	0.993	0.001	0.007	0.38	0.05
4	-2.000	0.921	969.78	1443.9	495.2	80.4	0.913	0.993	1.000	0.014	0.993	0.001	0.006	0.33	0.03
5	0.000	0.924	972.46	1446.0	497.5	80.4	0.915	0.992	1.000	0.017	0.992	-0.001	0.005	0.27	-0.03
7	2.000	0.925	973.33	1443.4	497.1	80.4	0.914	0.990	1.001	0.020	0.990	-0.002	0.004	0.20	-0.09
8	4.000	0.921	970.17	1441.5	494.6	80.4	0.916	0.996	1.001	0.011	0.996	-0.002	0.003	0.17	-0.10
9	6.000	0.924	973.41	1446.8	498.3	80.4	0.921	0.997	1.000	0.007	0.996	-0.002	0.002	0.13	-0.11
10	8.000	0.922	971.28	1444.8	496.4	80.4	0.918	0.996	1.000	0.008	0.996	-0.001	0.003	0.16	-0.06
11	10.000	0.927	975.82	1443.6	498.7	80.3	0.923	0.996	1.001	0.010	0.996	-0.001	0.003	0.16	-0.04
12	12.000	0.929	977.06	1445.8	500.1	80.5	0.923	0.995	1.000	0.010	0.995	-0.001	0.003	0.16	-0.04
13	14.000	0.925	973.37	1443.3	497.1	80.4	0.924	1.000	1.001	0.002	1.000	0.000	0.003	0.20	0.01
16	16.000	0.922	971.76	1444.9	496.5	80.2	0.921	0.999	1.001	0.004	0.998	0.002	0.006	0.35	0.10
19	18.000	0.929	977.67	1444.1	499.8	80.4	0.928	0.999	1.000	0.002	0.999	0.003	0.008	0.47	0.16
22	20.000	0.927	975.80	1445.3	499.2	80.4	0.922	0.995	1.001	0.011	0.995	0.002	0.008	0.45	0.14
25	22.000	0.929	977.34	1445.3	500.1	80.5	0.922	0.994	1.000	0.012	0.994	0.002	0.008	0.45	0.12
27	24.000	0.925	973.81	1444.4	497.7	80.4	0.924	0.999	1.001	0.005	0.999	0.002	0.008	0.44	0.12

TEST	PART	REX10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1150	3.003	1.99	68	0.00	-5.00	6-301	7- 8-77	

POINT	X	W	VW	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SML
8	9.000	0.927	975.19	1445.1	498.8	80.4	0.923	0.997	1.001	0.008	0.996	0.002	0.033	1.89	0.14
9	9.666	0.925	973.80	1443.9	497.5	80.6	0.914	0.990	1.001	0.021	0.990	0.002	0.032	1.85	0.14
10	10.333	0.925	974.04	1444.3	497.9	80.4	0.910	0.986	1.001	0.030	0.985	0.002	0.030	1.74	0.14
11	11.000	0.926	974.00	1444.6	498.5	80.4	0.908	0.983	1.001	0.035	0.983	0.002	0.027	1.57	0.13
12	11.666	0.927	976.08	1444.1	498.9	80.6	0.909	0.983	1.001	0.034	0.983	0.002	0.024	1.41	0.12
13	12.333	0.923	971.89	1444.5	496.6	80.5	0.910	0.988	1.001	0.025	0.988	0.002	0.022	1.29	0.14
14	13.000	0.924	972.53	1444.4	497.3	80.3	0.914	0.991	1.001	0.021	0.990	0.002	0.022	1.26	0.13
15	13.666	0.927	975.43	1443.8	498.6	80.4	0.921	0.996	1.000	0.012	0.994	0.002	0.022	1.24	0.12
17	14.333	0.929	977.39	1445.0	500.0	80.4	0.928	0.999	1.001	0.003	0.999	0.002	0.023	1.32	0.14
18	15.000	0.927	975.32	1444.3	498.5	80.5	0.930	1.003	1.001	-0.005	1.003	0.002	0.026	1.49	0.12
20	15.666	0.927	975.29	1445.6	499.0	80.4	0.936	1.008	1.001	-0.015	1.008	0.003	0.030	1.71	0.14
21	16.333	0.926	974.34	1444.7	498.1	80.5	0.934	1.008	1.001	-0.014	1.007	0.002	0.034	1.92	0.14
22	17.000	0.927	974.14	1444.5	498.6	80.4	0.930	1.003	1.000	-0.005	1.002	0.002	0.036	2.04	0.13
23	17.666	0.927	975.39	1445.1	498.9	80.4	0.922	0.995	1.001	0.011	0.995	0.002	0.035	2.02	0.12
24	18.333	0.927	975.69	1443.9	498.7	80.4	0.919	0.992	1.002	0.018	0.992	0.002	0.034	1.98	0.13
25	19.000	0.929	976.25	1444.9	499.3	80.5	0.915	0.988	1.000	0.023	0.988	0.002	0.032	1.85	0.12

TEST	PART	REX10-6	ALFA	WING	Y	Z	RNW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1154	3.003	1.99	69	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	9.000	0.925	972.88	1443.9	497.3	79.8	0.914	0.990	0.999	0.019	0.990	0.011	0.029	1.69	0.66
4	9.333	0.924	972.65	1441.1	496.2	79.9	0.915	0.991	1.001	0.019	0.991	0.004	0.028	1.64	0.25
5	9.666	0.925	972.98	1442.7	497.0	79.9	0.910	0.987	1.001	0.028	0.986	0.004	0.027	1.59	0.25
6	10.000	0.925	973.35	1442.5	497.1	79.8	0.906	0.983	1.001	0.036	0.982	0.004	0.026	1.51	0.26
7	10.333	0.925	973.58	1442.2	497.2	79.8	0.902	0.978	1.001	0.045	0.978	0.004	0.024	1.39	0.26
8	10.666	0.926	974.31	1442.1	497.6	79.8	0.899	0.975	1.001	0.051	0.975	0.004	0.021	1.23	0.26
9	11.000	0.927	974.96	1443.4	498.4	79.8	0.898	0.973	1.000	0.054	0.973	0.005	0.018	1.07	0.28
10	11.333	0.927	975.29	1443.5	498.5	80.0	0.898	0.973	1.001	0.055	0.973	0.004	0.016	0.93	0.25
11	11.666	0.927	975.51	1441.3	497.9	80.0	0.899	0.974	1.001	0.055	0.974	0.004	0.014	0.80	0.24
12	12.000	0.928	975.71	1443.0	498.7	79.8	0.902	0.977	1.001	0.048	0.976	0.004	0.012	0.71	0.22
13	12.333	0.927	974.87	1440.5	497.3	79.8	0.906	0.981	1.002	0.042	0.981	0.004	0.011	0.64	0.22
14	12.666	0.924	972.42	1441.7	496.1	79.8	0.909	0.986	1.001	0.029	0.986	0.004	0.011	0.52	0.25
15	13.000	0.924	972.80	1443.1	496.9	80.0	0.913	0.990	1.001	0.021	0.990	0.004	0.011	0.62	0.24
16	13.333	0.924	972.57	1443.7	497.1	79.8	0.918	0.994	1.001	0.014	0.994	0.004	0.011	0.64	0.24
17	13.666	0.925	973.48	1441.0	496.6	79.9	0.923	0.998	1.002	0.007	0.998	0.004	0.012	0.68	0.23
18	14.000	0.927	975.06	1442.0	498.1	79.6	0.929	1.001	1.001	0.000	1.000	0.004	0.013	0.74	0.23
19	14.333	0.928	975.98	1442.1	498.5	79.9	0.932	1.004	1.001	-0.007	1.004	0.004	0.015	0.83	0.25
20	14.666	0.924	972.07	1444.8	497.2	79.8	0.933	1.009	1.000	-0.017	1.009	0.004	0.017	0.97	0.23
21	15.000	0.925	972.83	1442.4	496.9	79.6	0.938	1.012	1.001	-0.021	1.011	0.004	0.019	1.09	0.25
22	15.333	0.926	974.49	1441.2	497.4	79.8	0.940	1.013	1.001	-0.024	1.012	0.005	0.022	1.24	0.27
23	15.666	0.928	976.35	1441.9	498.6	80.0	0.944	1.015	1.001	-0.027	1.014	0.005	0.025	1.41	0.28
24	16.000	0.924	972.37	1443.5	497.0	79.6	0.941	1.015	1.001	-0.029	1.015	0.005	0.028	1.56	0.28
25	16.333	0.926	973.59	1441.0	496.8	79.7	0.939	1.012	1.001	-0.022	1.011	0.005	0.030	1.69	0.26
26	16.666	0.929	976.36	1441.7	498.7	79.7	0.937	1.008	1.001	-0.015	1.007	0.005	0.031	1.77	0.27
27	17.000	0.924	972.49	1442.7	496.7	79.7	0.929	1.004	1.000	-0.008	1.004	0.004	0.031	1.79	0.23
28	17.333	0.926	973.75	1441.8	497.2	79.7	0.924	0.998	1.001	0.005	0.998	0.004	0.031	1.79	0.25
29	17.666	0.928	976.12	1442.0	498.5	79.9	0.921	0.993	1.000	0.015	0.993	0.004	0.031	1.76	0.28
30	18.000	0.924	972.71	1442.4	496.7	79.8	0.915	0.991	1.000	0.019	0.990	0.005	0.029	1.70	0.26
31	18.333	0.927	974.56	1443.4	498.2	79.8	0.911	0.985	1.000	0.030	0.985	0.005	0.028	1.63	0.28
32	18.666	0.928	976.25	1442.6	498.8	80.0	0.910	0.983	1.001	0.036	0.982	0.004	0.027	1.56	0.26
33	19.000	0.926	974.06	1442.5	497.6	79.7	0.907	0.982	1.001	0.036	0.982	0.005	0.025	1.48	0.27

TEST	PART	REX10-6	ALFA	WING	Y	Z	DHW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1195	3.001	1.99	60	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	9.000	0.925	973.16	1443.2	497.2	79.9	0.918	0.994	1.000	0.013	0.994	0.003	0.018	1.02	0.17
3	9.333	0.926	974.10	1441.2	497.2	79.7	0.914	0.989	1.001	0.023	0.989	0.003	0.018	1.03	0.18
4	9.666	0.927	975.17	1441.5	498.0	79.6	0.909	0.983	1.000	0.035	0.983	0.003	0.017	0.99	0.17
5	10.000	0.929	975.97	1443.6	496.9	79.7	0.903	0.977	1.001	0.048	0.977	0.003	0.016	0.91	0.19
6	10.333	0.927	974.69	1441.9	497.7	79.8	0.895	0.971	1.000	0.059	0.971	0.003	0.013	0.80	0.16
7	10.666	0.927	975.03	1442.0	497.9	79.9	0.892	0.968	1.001	0.067	0.968	0.003	0.011	0.64	0.19
8	11.000	0.922	970.05	1443.6	495.6	79.8	0.887	0.967	1.001	0.067	0.967	0.003	0.008	0.49	0.16
9	11.333	0.923	971.49	1441.8	495.9	79.7	0.888	0.967	1.001	0.067	0.967	0.003	0.006	0.33	0.16
10	11.666	0.924	971.99	1441.8	496.2	79.7	0.891	0.970	1.000	0.061	0.970	0.003	0.004	0.23	0.15
11	12.000	0.924	972.64	1441.5	496.4	79.9	0.896	0.973	1.001	0.054	0.973	0.003	0.003	0.17	0.16
12	12.333	0.925	973.14	1443.5	497.3	79.9	0.902	0.979	1.001	0.045	0.979	0.003	0.002	0.15	0.17
13	12.666	0.925	973.69	1441.7	496.9	79.9	0.908	0.984	1.001	0.035	0.984	0.003	0.002	0.10	0.16
14	13.000	0.926	974.43	1441.1	497.3	79.9	0.915	0.989	1.001	0.024	0.989	0.003	0.002	0.14	0.18
15	13.333	0.927	975.10	1442.8	495.2	79.9	0.921	0.995	1.001	0.012	0.995	0.003	0.003	0.19	0.16
16	13.666	0.929	975.71	1442.3	498.4	79.8	0.927	1.000	1.001	0.003	1.000	0.002	0.004	0.25	0.14
17	14.000	0.924	972.18	1443.0	496.7	79.7	0.930	1.006	1.001	-0.010	1.006	0.003	0.006	0.33	0.15
18	14.333	0.924	972.47	1440.1	495.7	79.9	0.935	1.010	1.002	-0.017	1.010	0.003	0.008	0.44	0.17
19	14.665	0.927	974.63	1441.8	497.6	79.8	0.941	1.013	1.001	-0.024	1.013	0.003	0.009	0.51	0.19
20	15.000	0.923	971.31	1443.9	496.4	79.8	0.942	1.018	1.001	-0.035	1.018	0.004	0.012	0.66	0.21
21	15.333	0.924	972.11	1441.0	495.9	79.8	0.961	1.034	1.001	-0.066	1.034	0.004	0.014	0.80	0.20
22	15.666	0.924	973.76	1441.3	497.0	79.8	0.971	1.041	1.001	-0.081	1.041	0.004	0.017	0.92	0.21
23	16.000	0.924	972.54	1444.0	497.1	79.9	0.975	1.046	1.001	-0.092	1.046	0.004	0.019	1.04	0.24
24	16.333	0.924	972.11	1443.1	496.5	80.0	0.943	1.018	1.001	-0.034	1.018	0.004	0.021	1.16	0.23
25	16.666	0.926	973.87	1441.7	497.1	80.0	0.940	1.013	1.001	-0.025	1.013	0.004	0.022	1.22	0.24
26	17.000	0.926	974.40	1443.1	498.0	79.7	0.935	1.008	1.001	-0.014	1.007	0.004	0.022	1.25	0.21
27	17.333	0.923	970.88	1440.8	495.3	79.6	0.923	1.000	1.002	0.002	1.000	0.003	0.022	1.23	0.18
28	17.665	0.926	973.66	1441.1	496.9	79.6	0.917	0.992	1.000	0.016	0.992	0.004	0.021	1.22	0.23
29	18.000	0.927	975.46	1441.9	498.1	80.0	0.914	0.988	1.001	0.026	0.988	0.004	0.020	1.15	0.22
30	18.333	0.925	972.86	1443.3	497.2	79.7	0.907	0.984	1.001	0.034	0.984	0.003	0.019	1.09	0.20
31	18.666	0.926	974.21	1442.6	497.7	79.7	0.906	0.981	1.002	0.040	0.981	0.003	0.017	1.01	0.20
32	19.000	0.926	973.89	1441.0	497.0	79.7	0.905	0.981	1.001	0.040	0.980	0.004	0.016	0.94	0.24

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1151	3.091	1.09	60	2.00	-9.00	6-302	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	10.333	0.927	975.76	1444.2	498.5	80.5	0.918	0.992	1.000	0.016	0.992	0.003	0.032	1.87	0.16
3	11.000	0.929	976.13	1444.4	499.8	80.4	0.910	0.984	1.000	0.034	0.983	0.005	0.025	1.44	0.31
4	11.666	0.927	975.92	1443.8	498.7	80.5	0.909	0.983	1.002	0.036	0.983	0.006	0.022	1.28	0.33
5	12.333	0.929	977.29	1444.3	499.7	80.4	0.913	0.985	1.000	0.031	0.985	0.006	0.019	1.13	0.34
6	13.000	0.923	977.41	1445.6	497.7	80.6	0.914	0.992	1.001	0.018	0.991	0.005	0.018	1.07	0.31
7	13.666	0.925	973.47	1444.7	497.4	80.4	0.919	0.995	1.002	0.012	0.995	0.005	0.019	1.08	0.30
8	14.333	0.928	976.60	1443.6	499.1	80.4	0.926	0.998	1.001	0.004	0.998	0.004	0.020	1.15	0.24
9	15.000	0.924	974.35	1444.5	498.1	80.4	0.931	1.004	1.001	-0.007	1.004	0.004	0.023	1.30	0.21
10	15.666	0.927	975.36	1445.1	498.9	80.5	0.935	1.008	1.001	-0.015	1.008	0.004	0.027	1.53	0.22
11	16.333	0.925	974.24	1443.3	497.5	80.6	0.935	1.009	1.001	-0.015	1.008	0.004	0.031	1.78	0.23
12	17.000	0.928	976.15	1446.1	499.5	80.5	0.930	1.002	1.001	-0.003	1.002	0.004	0.033	1.90	0.24
14	17.666	0.927	975.70	1444.1	498.7	80.4	0.925	0.998	1.001	0.006	0.997	0.005	0.033	1.92	0.28
15	18.333	0.927	975.69	1444.6	498.9	80.4	0.918	0.992	1.000	0.018	0.991	0.005	0.031	1.82	0.28
16	19.000	0.927	975.41	1444.1	498.0	80.4	0.914	0.988	1.001	0.025	0.988	0.005	0.030	1.72	0.29

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1156	2.999	1.99	49	2.00	-3.00	6-307	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
11	10.000	0.927	974.46	1440.1	497.1	79.6	0.918	0.992	1.002	0.019	0.991	0.005	0.029	1.66	0.27
12	10.333	0.927	975.12	1441.6	497.9	79.7	0.904	0.978	1.001	0.044	0.978	0.013	0.027	1.61	0.78
13	10.666	0.928	975.50	1443.1	498.8	79.5	0.901	0.975	1.001	0.052	0.974	0.014	0.024	1.43	0.83
14	11.000	0.927	974.54	1441.1	497.4	79.7	0.897	0.973	1.001	0.056	0.973	0.014	0.021	1.24	0.83
15	11.333	0.928	975.95	1442.4	498.6	79.9	0.898	0.972	1.001	0.057	0.972	0.014	0.017	1.02	0.83
16	11.666	0.928	975.48	1442.4	498.4	79.7	0.898	0.973	1.001	0.056	0.973	0.014	0.014	0.84	0.82
17	12.000	0.925	972.72	1440.5	496.2	79.6	0.900	0.977	1.001	0.047	0.977	0.013	0.012	0.69	0.79
18	12.333	0.926	972.49	1442.5	496.7	79.6	0.903	0.980	1.000	0.040	0.980	0.013	0.010	0.61	0.76
19	12.666	0.925	972.92	1441.7	496.7	79.6	0.907	0.983	1.001	0.035	0.983	0.012	0.009	0.53	0.70
20	13.000	0.926	973.89	1441.5	497.2	79.5	0.913	0.988	1.001	0.026	0.988	0.012	0.009	0.52	0.67
21	13.333	0.927	974.67	1441.0	497.4	79.8	0.917	0.991	1.001	0.019	0.991	0.010	0.009	0.53	0.60
22	13.666	0.928	975.83	1441.8	498.5	79.6	0.923	0.995	1.001	0.012	0.995	0.010	0.010	0.56	0.56
23	14.000	0.923	971.19	1441.6	495.7	79.6	0.925	1.002	1.001	-0.002	1.002	0.009	0.012	0.67	0.54
24	14.333	0.924	972.39	1440.6	496.0	79.6	0.930	1.005	1.001	-0.007	1.005	0.009	0.013	0.75	0.51
25	14.666	0.926	973.84	1440.9	497.0	79.6	0.934	1.007	1.001	-0.012	1.007	0.009	0.016	0.89	0.48
26	15.000	0.928	975.25	1442.5	498.4	79.6	0.939	1.010	1.001	-0.020	1.010	0.008	0.018	1.04	0.47
27	15.333	0.924	972.61	1441.7	496.4	79.8	0.939	1.014	1.001	-0.026	1.014	0.009	0.022	1.27	0.50
28	15.666	0.926	973.83	1442.8	497.6	79.7	0.942	1.015	1.001	-0.029	1.015	0.009	0.027	1.52	0.51
29	16.000	0.928	975.82	1440.6	497.8	79.8	0.945	1.015	1.001	-0.029	1.015	0.010	0.031	1.73	0.57
30	16.333	0.926	973.86	1441.8	497.3	79.6	0.944	1.017	1.001	-0.033	1.016	0.011	0.034	1.91	0.64
31	16.666	0.925	973.02	1441.9	496.8	79.7	0.937	1.011	1.001	-0.021	1.010	0.013	0.036	2.04	0.71
32	17.000	0.927	975.02	1441.6	497.9	79.7	0.933	1.005	1.001	-0.009	1.004	0.013	0.037	2.10	0.73
33	17.333	0.924	972.11	1442.7	496.6	79.6	0.925	1.001	1.001	-0.001	1.000	0.013	0.037	2.09	0.76
34	17.666	0.925	972.71	1441.1	496.6	79.2	0.917	0.993	1.001	0.016	0.992	0.013	0.035	2.02	0.77
35	18.000	0.927	975.00	1438.6	496.9	79.5	0.918	0.989	1.001	0.026	0.987	0.013	0.034	1.96	0.75
36	18.333	0.926	973.79	1441.5	497.2	79.6	0.911	0.986	1.000	0.029	0.985	0.012	0.032	1.83	0.71
37	18.666	0.926	974.35	1443.7	498.7	79.7	0.907	0.982	1.001	0.037	0.982	0.012	0.030	1.72	0.72
38	19.000	0.928	975.86	1441.5	498.4	79.6	0.907	0.980	1.001	0.042	0.980	0.012	0.028	1.6[illegible]	0.70

TEST	PART	REX10-6	ALFA	WING	Y	Z	RNV SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1157	3.000	1.99	6B	2.00	-2.00	6-308	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VPL/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	10.000	0.926	973.59	1440.8	496.9	79.5	0.889	0.975	1.001	0.051	0.975	0.018	0.032	1.91	1.07
3	10.333	0.927	974.80	1441.7	497.9	79.5	0.894	0.970	1.000	0.061	0.969	0.019	0.029	1.70	1.14
4	10.666	0.927	974.36	1441.3	497.4	79.6	0.888	0.964	1.001	0.074	0.963	0.020	0.022	1.32	1.17
5	11.000	0.927	974.71	1441.4	497.6	79.7	0.884	0.960	1.001	0.080	0.960	0.020	0.016	0.93	1.19
6	11.333	0.923	971.14	1440.7	495.2	79.8	0.883	0.963	1.001	0.076	0.963	0.019	0.010	0.57	1.16
7	11.666	0.922	970.97	1442.8	495.9	79.8	0.894	0.954	1.001	0.073	0.964	0.018	0.005	0.27	1.08
8	12.000	0.923	971.15	1441.9	495.7	79.7	0.889	0.969	1.001	0.065	0.968	0.017	0.001	0.06	0.99
9	12.333	0.923	971.63	1439.3	495.1	79.7	0.896	0.975	1.001	0.053	0.974	0.015	-0.001	-0.04	0.88
10	12.666	0.925	972.83	1440.7	496.3	79.7	0.904	0.981	1.001	0.040	0.981	0.014	-0.001	-0.07	0.81
11	13.000	0.926	973.69	1442.2	497.3	79.7	0.911	0.986	1.001	0.029	0.986	0.012	-0.001	-0.04	0.71
12	13.333	0.926	974.27	1440.8	497.1	79.7	0.918	0.992	1.001	0.018	0.992	0.011	0.000	0.00	0.62
13	13.666	0.928	975.53	1441.8	498.3	79.6	0.925	0.997	1.001	0.008	0.997	0.010	0.002	0.11	0.56
14	14.000	0.923	971.10	1441.3	495.5	79.7	0.927	1.004	1.001	-0.005	1.004	0.009	0.005	0.30	0.52
15	14.333	0.925	972.79	1439.9	496.0	79.6	0.933	1.008	1.001	-0.014	1.008	0.009	0.008	0.47	0.49
16	14.666	0.926	974.35	1442.5	497.8	79.7	0.939	1.011	1.001	-0.022	1.011	0.009	0.012	0.70	0.51
17	15.000	0.929	975.53	1441.3	498.0	79.8	0.943	1.014	1.001	-0.027	1.014	0.009	0.017	0.98	0.51
18	15.333	0.925	972.83	1441.4	496.5	79.8	0.963	1.035	1.001	-0.069	1.035	0.011	0.023	1.25	0.58
19	15.666	0.926	973.56	1441.8	497.1	79.7	0.968	1.039	1.001	-0.075	1.038	0.012	0.028	1.55	0.68
20	16.000	0.928	975.75	1441.5	498.2	79.7	0.971	1.039	1.000	-0.078	1.038	0.014	0.033	1.83	0.76
21	16.333	0.927	975.04	1441.3	497.8	79.7	0.971	1.040	1.001	-0.079	1.039	0.016	0.038	2.09	0.87
22	16.666	0.926	973.78	1443.4	497.9	79.7	0.942	1.015	1.000	-0.028	1.014	0.018	0.041	2.30	1.04
23	17.000	0.927	974.91	1441.6	497.7	79.9	0.935	1.007	1.001	-0.013	1.006	0.020	0.041	2.34	1.11
26	17.333	0.923	971.49	1442.5	496.1	79.8	0.924	1.001	1.000	-0.000	1.000	0.020	0.041	2.34	1.13
27	17.666	0.923	970.80	1441.1	495.3	79.6	0.913	0.991	1.001	0.019	0.990	0.019	0.038	2.22	1.10
28	18.000	0.925	973.12	1440.8	496.7	79.3	0.907	0.983	1.001	0.036	0.982	0.018	0.035	2.05	1.08
29	18.333	0.927	974.97	1440.3	497.4	79.7	0.903	0.977	1.002	0.048	0.977	0.017	0.032	1.87	0.99
30	18.666	0.925	973.62	1441.4	496.9	79.8	0.898	0.975	1.001	0.052	0.974	0.016	0.028	1.66	0.95
31	19.000	0.927	975.27	1441.7	498.0	79.7	0.960	0.974	1.001	0.053	0.974	0.015	0.025	1.50	0.89

TEST	PART	RFX10-6	ALFA	WING	Y	Z	PWW SURVEY
TC-484	1158	2.993	1.99	68	2.00	-1.00	6-309

DATE 2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	10.000	0.923	970.93	1439.8	494.8	79.7	0.889	0.968	1.001	0.067	0.967	0.024	0.042	2.47	1.40
2	10.333	0.928	975.72	1441.3	498.1	79.9	0.878	0.954	1.000	0.093	0.953	0.027	0.036	2.04	1.68
3	10.666	0.923	971.27	1442.8	496.0	79.8	0.860	0.941	1.001	0.121	0.940	0.032	0.019	1.17	1.93
4	11.000	0.923	971.12	1442.2	495.7	79.8	0.849	0.930	1.000	0.139	0.930	0.032	0.002	0.10	1.99
5	11.333	0.924	971.76	1442.1	496.1	79.7	0.852	0.933	1.001	0.134	0.933	0.029	-0.014	-0.84	1.76
6	11.666	0.924	971.68	1441.6	496.0	79.6	0.864	0.945	1.001	0.112	0.944	0.023	-0.022	-1.31	1.40
7	12.000	0.925	972.49	1440.4	496.1	79.4	0.879	0.957	1.001	0.087	0.957	0.018	-0.024	-1.46	1.07
8	12.333	0.925	973.37	1441.3	496.8	79.7	0.892	0.969	1.000	0.062	0.969	0.013	-0.024	-1.41	0.78
9	12.666	0.926	974.76	1442.5	497.8	79.4	0.904	0.979	1.001	0.042	0.979	0.010	-0.022	-1.26	0.60
10	13.000	0.927	974.60	1441.4	497.5	79.8	0.913	0.987	1.001	0.027	0.987	0.008	-0.019	-1.09	0.47
11	13.333	0.923	971.95	1442.6	496.2	79.7	0.919	0.996	1.001	0.009	0.996	0.006	-0.015	-0.84	0.37
12	13.666	0.923	971.73	1442.6	495.2	79.9	0.924	1.000	1.001	0.000	1.000	0.006	-0.011	-0.61	0.32
13	14.000	0.925	973.04	1443.1	497.3	79.7	0.931	1.006	1.000	-0.011	1.006	0.005	-0.005	-0.30	0.29
14	14.333	0.926	973.87	1442.6	497.5	79.7	0.938	1.011	1.000	-0.021	1.011	0.005	0.002	0.09	0.31
15	14.666	0.927	975.10	1442.1	498.0	79.8	0.944	1.016	1.001	-0.031	1.016	0.006	0.009	0.49	0.35
16	15.000	0.924	971.64	1441.0	495.8	79.5	0.968	1.040	1.001	-0.080	1.040	0.009	0.018	0.97	0.47
17	15.333	0.925	972.88	1440.6	496.3	79.6	0.978	1.048	1.001	-0.096	1.048	0.011	0.025	1.37	0.59
18	15.666	0.927	974.60	1441.2	497.5	79.6	0.987	1.055	1.001	-0.109	1.054	0.014	0.033	1.78	0.76
19	16.000	0.928	975.65	1440.8	497.8	79.7	0.991	1.057	1.001	-0.113	1.056	0.017	0.040	2.17	0.93
20	16.333	0.924	971.88	1441.6	496.1	79.6	0.980	1.051	1.001	-0.101	1.050	0.021	0.047	2.56	1.16
21	16.666	0.925	973.37	1441.2	496.8	79.6	0.963	1.035	1.001	-0.068	1.033	0.024	0.050	2.80	1.32
22	17.000	0.927	974.97	1440.8	497.7	79.5	0.937	1.009	1.001	-0.016	1.007	0.025	0.051	2.90	1.42
23	17.333	0.923	971.00	1441.6	495.6	79.5	0.922	0.999	1.001	0.004	0.997	0.026	0.050	2.89	1.40
24	17.666	0.924	972.30	1442.0	496.5	79.6	0.906	0.983	1.001	0.034	0.982	0.024	0.047	2.72	1.39
25	18.000	0.926	974.10	1441.0	497.2	79.5	0.895	0.971	1.001	0.060	0.970	0.022	0.041	2.40	1.29
26	18.333	0.926	974.20	1440.7	497.0	79.8	0.888	0.964	1.001	0.073	0.964	0.019	0.034	2.02	1.12
27	18.666	0.926	973.61	1441.7	497.1	79.6	0.885	0.962	1.001	0.077	0.961	0.017	0.029	1.70	1.00
28	19.000	0.929	975.45	1441.3	498.1	79.5	0.889	0.964	1.001	0.073	0.963	0.015	0.025	1.46	0.89

TEST	PART	RFYIC-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1152	3.003	1.90	4B	4.00	-5.00	6-303	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.926	974.42	1445.3	498.4	80.4	0.910	0.985	1.000	0.030	0.985	0.005	0.027	1.57	0.29
4	11.666	0.926	974.42	1443.4	497.8	80.3	0.910	0.986	1.002	0.032	0.985	0.010	0.025	1.46	0.56
5	12.333	0.928	976.15	1442.3	498.4	80.4	0.913	0.986	1.001	0.029	0.986	0.010	0.023	1.34	0.60
6	13.000	0.924	972.86	1445.5	497.6	80.4	0.914	0.991	1.000	0.018	0.991	0.010	0.022	1.25	0.59
7	13.666	0.925	973.72	1444.6	497.6	80.4	0.918	0.993	1.001	0.015	0.993	0.010	0.021	1.22	0.57
8	14.333	0.928	974.12	1443.8	498.9	80.4	0.924	0.997	1.001	0.007	0.997	0.009	0.021	1.22	0.51
10	15.000	0.925	974.08	1445.4	495.2	80.5	0.930	1.004	1.000	-0.008	1.004	0.008	0.023	1.34	0.48
11	15.666	0.927	974.01	1443.8	498.8	80.5	0.934	1.006	1.002	-0.009	1.005	0.007	0.027	1.54	0.39
12	16.333	0.928	976.08	1431.8	494.9	80.2	0.934	1.006	1.001	-0.011	1.005	0.006	0.032	1.82	0.37
16	17.000	0.924	972.76	1442.7	496.7	80.1	0.925	1.001	1.001	-0.001	1.000	0.006	0.035	1.90	0.37
19	17.666	0.929	976.70	1441.5	498.6	80.1	0.926	0.998	1.001	0.007	0.997	0.007	0.036	2.04	0.43
20	18.333	0.928	975.85	1441.9	498.2	80.1	0.919	0.992	1.001	0.018	0.991	0.008	0.034	1.97	0.45
21	19.000	0.925	973.51	1443.3	497.4	80.0	0.914	0.990	1.001	0.022	0.989	0.009	0.032	1.85	0.49

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1150	2.990	1.99	68	4.00	-3.00	6-310	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	0.926	973.76	1439.7	495.6	79.4	0.904	0.979	1.001	0.043	0.979	0.013	0.029	1.70	0.74
3	11.333	0.927	975.79	1441.8	499.1	79.7	0.903	0.977	1.000	0.046	0.977	0.019	0.024	1.38	1.11
4	11.666	0.925	974.09	1441.7	497.4	79.6	0.902	0.978	1.001	0.046	0.977	0.020	0.021	1.24	1.19
5	12.000	0.927	976.27	1440.6	497.2	79.5	0.902	0.977	1.001	0.047	0.977	0.021	0.019	1.09	1.23
6	12.333	0.925	972.74	1441.2	496.5	79.5	0.904	0.981	1.001	0.040	0.980	0.021	0.016	0.94	1.26
7	12.666	0.923	971.03	1441.5	495.5	79.6	0.904	0.982	1.001	0.036	0.982	0.021	0.014	0.83	1.24
8	13.000	0.924	971.66	1441.4	495.9	79.6	0.908	0.986	1.001	0.031	0.985	0.021	0.012	0.71	1.19
9	13.333	0.924	972.44	1440.7	496.1	79.6	0.912	0.988	1.001	0.025	0.988	0.020	0.011	0.64	1.16
10	13.666	0.926	973.90	1441.2	497.1	79.7	0.917	0.991	1.000	0.018	0.991	0.019	0.010	0.58	1.08
11	14.000	0.927	975.10	1441.4	497.4	79.7	0.922	0.996	1.001	0.011	0.995	0.017	0.010	0.55	1.00
12	14.333	0.928	976.50	1441.6	498.7	79.7	0.927	0.999	1.001	0.005	0.998	0.016	0.010	0.60	0.90
13	14.666	0.924	972.20	1442.5	496.6	79.5	0.929	1.004	1.001	-0.007	1.004	0.014	0.012	0.71	0.80
14	15.000	0.926	973.87	1441.8	497.4	79.5	0.934	1.007	1.001	-0.012	1.007	0.013	0.014	0.82	0.71
15	15.333	0.927	974.83	1439.0	497.0	79.5	0.938	1.010	1.001	-0.017	1.010	0.011	0.017	0.98	0.62
17	15.666	0.927	974.78	1440.3	497.3	79.6	0.943	1.014	1.001	-0.026	1.014	0.010	0.022	1.22	0.56
18	16.000	0.925	973.13	1442.1	496.9	79.8	0.942	1.016	1.001	-0.030	1.015	0.009	0.027	1.51	0.53
19	16.333	0.927	974.42	1442.4	497.9	79.4	0.944	1.016	1.000	-0.032	1.016	0.010	0.031	1.77	0.56
20	16.666	0.924	973.72	1440.7	496.8	79.6	0.946	1.016	1.001	-0.031	1.016	0.011	0.036	2.01	0.62
21	17.000	0.924	971.77	1439.7	495.4	79.6	0.935	1.010	1.001	-0.019	1.009	0.013	0.038	2.15	0.73
22	17.333	0.926	973.66	1441.1	496.9	79.6	0.929	1.003	1.001	-0.005	1.002	0.014	0.038	2.18	0.82
23	17.666	0.926	973.67	1441.3	497.0	79.6	0.923	0.997	1.001	0.008	0.996	0.015	0.037	2.15	0.86
24	18.000	0.924	972.70	1441.0	496.3	79.7	0.913	0.989	1.001	0.023	0.988	0.015	0.035	2.02	0.89
25	18.333	0.927	974.79	1441.2	497.6	79.7	0.910	0.984	1.001	0.034	0.983	0.015	0.032	1.89	0.89
26	18.666	0.925	973.33	1441.4	496.8	79.7	0.906	0.982	1.001	0.037	0.982	0.016	0.030	1.74	0.91
27	19.000	0.927	974.74	1440.6	497.4	79.7	0.905	0.980	1.001	0.042	0.979	0.016	0.027	1.60	0.91

TEST	PART	RNX10-6	ALFA	WING	Y	Z	PWT SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1100	2.997	1.99	68	4.00	-2.00	6-311	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	11.000	0.926	971.85	1441.1	495.9	79.6	0.894	0.972	1.001	0.057	0.971	0.023	0.028	1.67	1.36
6	11.333	0.926	974.00	1440.0	496.7	79.7	0.895	0.971	1.001	0.059	0.971	0.025	0.025	1.48	1.49
7	11.666	0.927	975.20	1442.1	496.1	79.8	0.894	0.969	1.001	0.063	0.968	0.028	0.021	1.26	1.66
8	12.000	0.927	974.60	1441.9	497.7	79.8	0.894	0.970	1.001	0.063	0.969	0.030	0.017	0.99	1.77
9	12.333	0.927	975.35	1443.4	498.6	79.8	0.896	0.971	1.000	0.059	0.970	0.030	0.013	0.75	1.79
10	12.666	0.923	971.04	1440.9	495.3	79.8	0.896	0.975	1.001	0.051	0.975	0.030	0.009	0.50	1.77
11	13.000	0.923	971.46	1441.4	495.7	79.7	0.900	0.979	1.001	0.044	0.978	0.029	0.005	0.29	1.70
12	13.333	0.924	972.46	1440.6	496.0	79.9	0.906	0.983	1.001	0.036	0.982	0.027	0.002	0.11	1.55
13	13.666	0.925	973.29	1442.2	497.0	79.8	0.913	0.989	1.001	0.025	0.988	0.023	0.000	0.01	1.36
14	14.000	0.926	974.36	1441.5	497.4	79.8	0.919	0.994	1.001	0.015	0.993	0.021	0.000	0.01	1.22
15	14.333	0.929	974.30	1441.6	498.6	79.7	0.926	0.998	1.000	0.004	0.998	0.018	0.001	0.06	1.02
16	14.666	0.924	971.95	1441.9	496.2	79.6	0.931	1.006	1.001	-0.011	1.006	0.014	0.004	0.23	0.82
17	15.000	0.926	973.50	1442.2	497.2	79.6	0.937	1.011	1.000	-0.021	1.010	0.011	0.008	0.46	0.64
18	15.333	0.927	974.90	1441.4	497.7	79.7	0.942	1.014	1.001	-0.027	1.014	0.009	0.013	0.74	0.49
19	15.666	0.923	971.00	1440.6	495.2	79.7	0.959	1.034	1.001	-0.065	1.033	0.007	0.020	1.11	0.40
20	16.000	0.925	973.04	1441.6	496.6	79.8	0.970	1.041	1.001	-0.081	1.041	0.007	0.027	1.50	0.39
21	16.333	0.926	974.06	1440.8	497.0	79.8	0.974	1.044	1.002	-0.086	1.043	0.008	0.034	1.87	0.45
25	16.666	0.922	970.77	1440.9	495.1	79.8	0.961	1.035	1.002	-0.068	1.034	0.012	0.040	2.21	0.65
26	17.000	0.926	973.54	1441.6	497.0	79.7	0.940	1.013	1.001	-0.025	1.012	0.015	0.043	2.44	0.84
27	17.333	0.928	975.23	1441.1	497.9	79.6	0.931	1.003	1.001	-0.004	1.002	0.017	0.043	2.46	0.96
28	17.666	0.923	971.32	1441.3	495.7	79.5	0.916	0.993	1.001	0.015	0.992	0.018	0.040	2.33	1.02
29	18.000	0.925	972.36	1441.2	496.4	79.3	0.905	0.982	1.001	0.037	0.981	0.018	0.036	2.11	1.02
30	18.333	0.926	973.98	1440.1	496.9	79.4	0.900	0.976	1.001	0.051	0.975	0.018	0.032	1.89	1.07
31	18.666	0.924	971.52	1439.8	495.5	79.2	0.895	0.973	1.001	0.055	0.973	0.018	0.028	1.66	1.04
32	19.000	0.926	973.66	1439.9	496.6	79.6	0.897	0.973	1.001	0.055	0.973	0.018	0.024	1.43	1.05

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1161	2.993	1.99	68	4.00	-1.00	6-312	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	11.000	0.923	971.56	1440.5	495.3	80.0	0.888	0.967	1.001	0.068	0.966	0.028	0.035	2.10	1.66
22	11.000	0.926	974.11	1442.4	497.7	79.6	0.891	0.977	1.001	0.049	0.976	0.018	0.025	1.50	1.07
23	11.333	0.927	974.61	1439.5	496.9	79.6	0.886	0.962	1.001	0.079	0.961	0.034	0.032	1.88	2.02
24	11.666	0.927	975.11	1441.8	498.1	79.5	0.883	0.958	1.000	0.084	0.957	0.040	0.028	1.66	2.41
25	12.000	0.925	973.25	1442.3	497.1	79.7	0.878	0.956	1.001	0.089	0.955	0.047	0.020	1.21	2.81
26	12.333	0.923	971.60	1440.1	495.3	79.7	0.873	0.953	1.001	0.096	0.951	0.051	0.010	0.58	3.07
27	12.666	0.925	973.34	1441.3	496.7	79.8	0.876	0.954	1.001	0.094	0.952	0.051	-0.004	-0.23	3.05
28	13.000	0.926	974.05	1443.0	497.8	79.7	0.883	0.960	1.000	0.080	0.959	0.046	-0.016	-0.95	2.73
29	13.333	0.926	973.96	1441.3	497.1	79.7	0.895	0.971	1.001	0.060	0.970	0.038	-0.023	-1.33	2.23
30	13.666	0.928	975.87	1441.3	498.2	79.8	0.907	0.981	1.000	0.039	0.980	0.030	-0.024	-1.42	1.73
31	14.000	0.924	971.96	1443.8	496.9	79.6	0.917	0.993	1.001	0.014	0.993	0.022	-0.022	-1.28	1.29
32	14.333	0.924	971.44	1440.8	494.7	79.3	0.925	1.001	1.001	-0.000	1.001	0.015	-0.017	-1.00	0.88
33	14.666	0.925	972.82	1438.4	495.7	79.3	0.935	1.009	1.001	-0.016	1.008	0.010	-0.011	-0.64	0.55
34	15.000	0.928	975.74	1441.7	498.3	79.8	0.943	1.014	1.000	-0.027	1.014	0.005	-0.003	-0.20	0.25
35	15.333	0.923	971.55	1442.4	496.2	79.6	0.970	1.043	1.001	-0.084	1.043	0.001	0.006	0.32	0.08
36	15.666	0.924	972.04	1443.3	498.0	79.6	0.981	1.052	1.001	-0.103	1.052	-0.000	0.016	0.89	-0.02
37	16.000	0.926	974.35	1440.8	497.1	79.9	0.982	1.060	1.001	-0.119	1.059	-0.000	0.027	1.48	-0.01
38	16.333	0.927	970.43	1442.7	496.6	79.7	0.984	1.066	1.001	-0.130	1.065	0.003	0.037	2.01	0.10
39	16.666	0.925	972.72	1442.4	496.8	79.7	0.986	1.056	1.001	-0.111	1.055	0.009	0.045	2.43	0.40
40	17.000	0.927	974.74	1440.6	497.4	79.7	0.963	1.033	1.001	-0.064	1.031	0.015	0.049	2.74	0.83
41	17.333	0.928	976.11	1442.1	498.8	79.5	0.930	1.001	1.001	-0.001	1.000	0.018	0.049	2.80	1.04
42	17.666	0.927	975.10	1441.2	497.9	79.5	0.911	0.985	1.001	0.033	0.983	0.019	0.045	2.61	1.11
43	18.000	0.925	973.60	1441.0	495.8	79.6	0.890	0.967	1.001	0.068	0.966	0.019	0.037	2.22	1.11
44	18.333	0.926	974.03	1441.6	497.3	79.7	0.881	0.958	1.000	0.085	0.957	0.019	0.029	1.76	1.13
45	18.666	0.925	973.20	1442.0	497.0	79.5	0.879	0.956	1.000	0.087	0.956	0.018	0.023	1.35	1.10
46	19.000	0.927	974.77	1442.8	497.5	79.5	0.885	0.961	1.001	0.080	0.960	0.018	0.018	1.09	1.09

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1153	2.906	1.99	68	7.00	-5.00	6-304	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	13.000	0.922	971.08	1442.7	495.9	80.1	0.911	0.989	1.001	0.024	0.989	0.009	0.027	1.56	0.52
4	13.666	0.924	972.78	1442.9	496.9	80.1	0.917	0.993	1.001	0.015	0.993	0.013	0.025	1.46	0.77
5	14.333	0.927	975.14	1443.4	498.4	80.0	0.922	0.996	1.001	0.010	0.995	0.013	0.025	1.41	0.78
7	15.000	0.924	972.63	1442.8	496.7	80.0	0.925	1.001	1.001	0.000	1.000	0.013	0.026	1.47	0.73
18	15.000	0.926	974.54	1444.4	498.4	79.9	0.910	0.991	1.000	0.019	0.990	0.013	0.025	1.47	0.77
19	15.666	0.928	975.52	1442.5	498.4	79.9	0.930	1.003	1.001	-0.004	1.002	0.012	0.027	1.52	0.69
20	16.333	0.926	974.50	1442.6	497.6	79.8	0.931	1.005	1.001	-0.007	1.004	0.011	0.030	1.72	0.60
21	17.000	0.923	971.80	1441.5	495.9	79.6	0.929	1.005	1.001	-0.008	1.005	0.010	0.034	1.95	0.59
22	17.666	0.923	971.35	1441.4	495.6	79.8	0.923	1.000	1.001	0.001	0.999	0.010	0.036	2.04	0.60
23	18.333	0.923	971.04	1442.9	496.0	79.7	0.917	0.995	1.000	0.011	0.994	0.011	0.035	2.02	0.64
24	19.000	0.926	976.12	1442.5	498.8	79.8	0.918	0.990	1.000	0.021	0.989	0.012	0.034	1.96	0.69

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1162	3.007	2.01	6%	7.00	-3.00	6-313	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
7	13.000	0.929	976.14	1442.5	498.9	79.5	0.915	0.988	1.000	0.025	0.987	0.020	0.026	1.52	1.19
8	13.333	0.924	972.07	1440.9	496.0	79.5	0.914	0.990	1.001	0.021	0.990	0.021	0.026	1.53	1.20
9	13.666	0.926	973.36	1441.6	497.0	79.5	0.916	0.991	1.000	0.019	0.990	0.021	0.025	1.46	1.22
10	14.000	0.926	973.75	1441.6	497.2	79.6	0.918	0.992	1.001	0.017	0.992	0.022	0.024	1.41	1.26
11	14.333	0.925	972.71	1440.5	496.1	79.7	0.920	0.996	1.001	0.010	0.995	0.022	0.024	1.36	1.24
12	14.666	0.924	971.91	1442.0	496.2	79.6	0.921	0.997	1.000	0.006	0.997	0.021	0.023	1.32	1.22
13	15.000	0.925	972.99	1440.8	496.5	79.6	0.924	0.999	1.001	0.003	0.999	0.020	0.022	1.28	1.17
14	15.333	0.927	975.12	1442.3	498.2	79.7	0.928	1.001	1.000	-0.001	1.000	0.019	0.022	1.27	1.11
15	15.666	0.928	975.78	1442.4	498.6	79.6	0.932	1.004	1.001	-0.006	1.003	0.018	0.022	1.26	1.03
16	16.000	0.924	972.49	1440.3	495.9	79.8	0.933	1.008	1.001	-0.015	1.008	0.016	0.024	1.37	0.89
17	16.333	0.927	974.77	1442.0	498.0	79.5	0.939	1.011	1.001	-0.021	1.011	0.014	0.027	1.55	0.82
18	16.666	0.927	974.74	1442.3	498.0	79.6	0.944	1.016	1.000	-0.031	1.015	0.014	0.033	1.84	0.77
19	17.000	0.924	972.48	1440.6	496.0	79.7	0.943	1.017	1.001	-0.032	1.016	0.014	0.040	2.26	0.81
20	17.333	0.927	974.82	1440.7	497.5	79.5	0.938	1.010	1.001	-0.019	1.009	0.015	0.043	2.45	0.85
21	17.666	0.924	972.46	1440.9	496.2	79.6	0.929	1.004	1.001	-0.006	1.003	0.015	0.044	2.49	0.88
22	18.000	0.925	973.43	1443.3	497.5	79.7	0.919	0.994	1.000	0.012	0.993	0.016	0.041	2.39	0.92
23	18.333	0.927	974.47	1441.3	497.5	79.5	0.915	0.989	1.001	0.023	0.988	0.017	0.040	2.30	0.99
24	18.666	0.925	973.46	1442.0	497.0	79.9	0.911	0.987	1.000	0.027	0.986	0.018	0.038	2.18	1.06
25	19.000	0.927	974.42	1442.8	497.9	79.7	0.910	0.985	1.001	0.032	0.984	0.019	0.036	2.09	1.10

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1163	2.992	2.01	6%	7.00	-2.00	6-314	2- 8-77	TRANSONIC 4T

POINT	X	M	VN	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VN	VL/VN	WL/VN	AAL	BML
5	13.000	0.921	969.48	1440.0	494.1	79.6	0.907	0.987	1.001	0.028	0.986	0.023	0.030	1.75	1.32
6	13.333	0.924	972.28	1441.1	496.1	79.6	0.912	0.988	1.001	0.025	0.988	0.025	0.029	1.67	1.44
7	13.666	0.925	973.40	1442.2	497.2	79.6	0.914	0.989	1.001	0.024	0.988	0.026	0.027	1.59	1.52
8	14.000	0.927	975.13	1441.8	498.0	79.7	0.916	0.990	1.001	0.021	0.989	0.028	0.026	1.49	1.60
9	14.333	0.927	974.38	1440.8	497.3	79.5	0.918	0.992	1.002	0.019	0.992	0.029	0.024	1.40	1.66
10	14.666	0.923	971.26	1440.7	495.4	79.6	0.917	0.995	1.001	0.012	0.994	0.028	0.022	1.29	1.62
11	15.000	0.925	972.91	1441.0	496.5	79.6	0.921	0.996	1.001	0.009	0.996	0.028	0.020	1.15	1.61
12	15.333	0.926	974.29	1441.0	497.3	79.6	0.925	0.999	1.001	0.004	0.999	0.026	0.017	1.00	1.50
13	15.666	0.923	971.48	1442.1	496.1	79.5	0.928	1.004	1.001	-0.007	1.004	0.023	0.016	0.93	1.32
14	16.000	0.924	972.33	1441.7	496.4	79.5	0.933	1.008	1.001	-0.015	1.008	0.019	0.017	0.97	1.10
15	16.333	0.926	973.59	1440.8	496.9	79.5	0.944	1.016	1.001	-0.031	1.016	0.017	0.022	1.26	0.95
16	16.666	0.924	971.89	1441.8	496.2	79.6	0.987	1.058	1.001	-0.115	1.057	0.016	0.033	1.77	0.89
17	17.000	0.925	972.81	1441.0	496.4	79.6	0.991	1.060	1.001	-0.120	1.059	0.017	0.045	2.45	0.95
18	17.333	0.928	975.17	1441.5	498.0	79.5	0.944	1.015	1.001	-0.028	1.013	0.019	0.050	2.80	1.07
19	17.666	0.924	972.40	1442.0	496.5	79.6	0.928	1.004	1.000	-0.007	1.002	0.020	0.049	2.80	1.16
20	18.000	0.924	971.85	1441.4	495.9	79.7	0.914	0.991	1.001	0.020	0.990	0.021	0.045	2.60	1.24
21	18.333	0.926	973.38	1440.6	496.7	79.5	0.908	0.983	1.001	0.035	0.982	0.023	0.042	2.43	1.33
22	18.666	0.928	976.05	1441.0	498.3	79.7	0.906	0.979	1.001	0.044	0.978	0.024	0.038	2.25	1.43
23	19.000	0.925	973.47	1442.0	497.0	79.8	0.904	0.980	1.001	0.041	0.979	0.025	0.036	2.08	1.49

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1164	2.995	2.01	6B	7.00	-1.00	6-315	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	13.000	0.923	971.17	1440.2	495.2	79.6	0.907	0.985	1.001	0.032	0.984	0.025	0.036	2.11	1.48
5	13.333	0.927	974.61	1440.0	497.2	79.5	0.912	0.986	1.001	0.029	0.985	0.029	0.036	2.09	1.68
6	13.666	0.923	971.35	1441.9	495.8	79.7	0.910	0.988	1.001	0.025	0.987	0.032	0.036	2.09	1.84
7	14.000	0.924	972.16	1442.1	496.4	79.6	0.911	0.988	1.001	0.026	0.987	0.035	0.035	2.01	2.06
8	14.333	0.926	974.07	1441.3	497.3	79.6	0.912	0.987	1.001	0.028	0.985	0.040	0.032	1.88	2.32
9	14.666	0.927	975.46	1441.2	497.9	79.9	0.913	0.986	1.001	0.029	0.985	0.044	0.028	1.61	2.55
10	15.000	0.928	975.28	1442.2	498.3	79.5	0.912	0.986	1.001	0.031	0.984	0.047	0.019	1.13	2.71
11	15.333	0.929	976.65	1440.1	498.4	79.4	0.913	0.985	1.001	0.033	0.984	0.045	0.008	0.45	2.63
12	15.666	0.925	972.80	1441.3	496.6	79.5	0.916	0.992	1.001	0.019	0.991	0.036	-0.000	-0.03	2.10
13	16.000	0.927	974.39	1441.5	497.6	79.5	0.928	1.002	1.001	-0.002	1.001	0.026	-0.003	-0.15	1.51
14	16.333	0.924	971.81	1441.3	496.0	79.5	0.975	1.046	1.001	-0.092	1.046	0.022	0.007	0.37	1.19
15	16.666	0.924	971.95	1441.4	496.0	79.7	1.020	1.087	1.001	-0.174	1.087	0.023	0.025	1.31	1.21
16	17.000	0.926	973.55	1441.6	497.1	79.6	1.011	1.077	1.001	-0.154	1.076	0.025	0.043	2.30	1.34
17	17.333	0.927	975.19	1441.2	497.9	79.6	0.960	1.030	1.001	-0.059	1.028	0.028	0.055	3.05	1.56
18	17.666	0.923	971.44	1442.2	496.1	79.5	0.923	1.000	1.000	0.001	0.998	0.030	0.055	3.14	1.73
19	18.000	0.925	972.65	1440.2	496.0	79.6	0.903	0.980	1.001	0.042	0.978	0.033	0.048	2.84	1.92
20	18.333	0.928	975.83	1442.5	498.6	79.7	0.892	0.967	1.000	0.067	0.965	0.035	0.041	2.43	2.10
21	18.666	0.926	973.66	1441.1	496.9	79.6	0.891	0.968	1.001	0.066	0.966	0.038	0.036	2.12	2.26
22	19.000	0.926	973.83	1440.2	496.7	79.6	0.895	0.971	1.001	0.058	0.970	0.040	0.032	1.91	2.37

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1165	3.004	2.01	68	-4.00	-5.00	6-316	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.926	974.29	1442.9	497.9	79.6	0.911	0.986	1.000	0.028	0.985	0.018	0.027	1.59	1.07
4	12.333	0.927	975.03	1442.1	498.1	79.5	0.913	0.987	1.001	0.029	0.986	-0.010	0.025	1.46	-0.60
5	13.666	0.927	974.88	1439.6	497.2	79.5	0.919	0.993	1.001	0.016	0.992	-0.010	0.022	1.30	-0.57
8	15.000	0.928	975.45	1442.0	498.3	79.6	0.931	1.003	1.001	-0.003	1.002	-0.008	0.025	1.42	-0.43
9	16.333	0.926	973.61	1441.2	496.9	79.7	0.936	1.009	1.001	-0.017	1.009	-0.006	0.033	1.86	-0.37
11	17.666	0.927	974.59	1440.7	497.2	79.8	0.925	0.999	1.001	0.004	0.998	-0.009	0.037	2.12	-0.49
13	19.000	0.926	974.16	1441.8	497.5	79.6	0.916	0.990	1.001	0.022	0.990	-0.009	0.033	1.89	-0.55

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1166	2.992	2.01	6%	-4.00	-3.00	6-317		2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	11.000	0.921	969.41	1439.7	494.0	79.5	0.898	0.979	1.001	0.045	0.978	-0.012	0.030	1.75	-0.69
5	12.333	0.925	972.73	1441.2	496.4	79.6	0.903	0.979	1.001	0.043	0.979	-0.016	0.020	1.17	-0.92
6	13.666	0.928	975.51	1440.9	498.0	79.6	0.917	0.990	1.001	0.022	0.990	-0.013	0.013	0.76	-0.74
7	15.000	0.928	975.64	1440.1	497.7	79.7	0.934	1.006	1.001	-0.010	1.006	-0.006	0.017	0.97	-0.33
10	16.333	0.926	973.59	1443.4	497.6	79.7	0.959	1.031	1.000	-0.061	1.030	-0.003	0.035	1.93	-0.15
11	17.666	0.926	973.96	1441.3	497.1	79.7	0.923	0.998	1.001	0.006	0.997	-0.009	0.041	2.34	-0.50
12	19.000	0.929	976.40	1440.9	498.5	79.6	0.908	0.980	1.001	0.040	0.980	-0.010	0.031	1.79	-0.60

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1167	2.995	2.01	64	-4.00	-1.00	6-318		2- 8-77	TRANSONIC 4T

POINT	X	M	VN	PT	Q	TT	ML	VNL/VN	PTL/PT	CPL	UL/VN	VL/VN	WL/VN	AAL	SWL
6	11.000	0.924	972.39	1441.0	496.0	79.9	0.888	0.966	1.001	0.068	0.965	-0.026	0.037	2.17	-1.56
7	12.333	0.927	974.94	1444.4	498.7	79.8	0.878	0.954	1.001	0.092	0.953	-0.049	0.012	0.70	-2.94
8	13.666	0.925	972.93	1441.4	496.6	79.7	0.907	0.983	1.002	0.037	0.982	-0.028	-0.024	-1.40	-1.65
9	15.000	0.924	972.55	1439.7	495.8	79.7	0.941	1.015	1.001	-0.028	1.015	-0.002	-0.003	-0.18	-0.10
10	16.333	0.930	976.96	1441.7	499.1	79.5	1.001	1.064	1.000	-0.128	1.064	0.002	0.036	1.94	0.12
11	17.666	0.925	972.87	1442.0	496.6	79.9	0.905	0.982	1.000	0.037	0.981	-0.015	0.045	2.64	-0.89
12	19.000	0.927	975.33	1442.5	498.3	79.8	0.886	0.961	1.000	0.077	0.961	-0.016	0.018	1.10	-0.94

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE
TC-484	1168	2.999	2.01	6%	-7.00	-5.00	6	319	2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
9	13.666	0.926	973.77	1441.5	497.0	79.8	0.907	0.983	1.002	0.038	0.982	-0.009	0.029	1.71	-0.58
10	15.000	0.929	976.26	1441.0	498.4	79.6	0.927	0.999	1.000	0.003	0.998	-0.011	0.036	2.06	-0.63
13	16.333	0.927	974.93	1442.1	498.1	79.5	0.934	1.006	1.001	-0.012	1.006	-0.009	0.041	2.34	-0.49
17	17.666	0.925	973.07	1441.8	496.8	79.6	0.927	1.002	1.000	-0.003	1.000	-0.009	0.048	2.72	-0.49
20	19.000	0.926	974.48	1441.7	497.5	79.8	0.918	0.992	1.001	0.017	0.991	-0.011	0.045	2.61	-0.61

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1169	3.000	2.01	6B	-7.00	-3.00	6-320		2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
17	13.666	0.925	972.50	1441.3	496.4	79.5	0.914	0.990	1.001	0.021	0.990	-0.018	0.035	2.02	-1.05
18	15.000	0.927	975.12	1440.2	497.5	79.5	0.927	0.999	1.001	0.003	0.999	-0.018	0.031	1.79	-1.01
19	16.333	0.926	974.31	1440.7	497.1	79.7	0.940	1.013	1.001	-0.024	1.012	-0.011	0.037	2.07	-0.63
20	17.666	0.927	975.01	1441.4	497.8	79.6	0.930	1.002	1.001	-0.003	1.001	-0.013	0.053	3.02	-0.73
21	19.000	0.929	976.52	1440.6	498.4	79.6	0.911	0.984	1.001	0.034	0.982	-0.017	0.045	2.65	-0.98

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1170	2.996	2.01	6%	-7.00	-1.00	6-321	2- 8-77	TRANSONIC 4T

POINT	X	M	VN	PT	Q	TT	ML	VML/VN	PTL/PT	CPL	UL/VN	VL/VN	WL/VN	AAL	SWL
5	13.666	0.922	970.15	1440.8	494.9	79.4	0.907	0.986	1.000	0.028	0.985	-0.031	0.047	2.72	-1.82
6	15.000	0.928	976.23	1440.8	498.2	79.8	0.911	0.984	1.001	0.033	0.983	-0.048	0.028	1.61	-2.78
8	16.333	0.925	972.79	1441.8	496.8	79.4	0.991	1.060	1.001	-0.120	1.060	-0.021	0.020	1.05	-1.13
10	17.666	0.925	973.21	1440.3	496.5	79.5	0.922	0.997	1.000	0.006	0.995	-0.030	0.065	3.73	-1.75
11	19.000	0.928	975.29	1440.5	497.7	79.5	0.897	0.972	1.000	0.057	0.970	-0.040	0.042	2.51	-2.39

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-406	1173	3.001	2.01	69	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XP	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
8	-6.000	0.925	973.15	1442.1	497.0	79.6	0.919	0.994	1.001	0.012	0.994	0.003	0.009	0.52	0.16
9	-5.500	0.923	971.29	1440.4	495.4	79.5	0.916	0.993	1.000	0.014	0.993	0.003	0.009	0.53	0.15
10	-5.000	0.923	971.05	1441.2	495.5	79.5	0.916	0.993	1.001	0.015	0.993	0.002	0.009	0.53	0.14
11	-4.500	0.922	970.30	1441.6	495.1	79.6	0.915	0.994	1.001	0.015	0.993	0.003	0.009	0.51	0.16
12	-4.000	0.922	969.85	1441.0	494.7	79.6	0.915	0.993	1.000	0.014	0.993	0.002	0.009	0.50	0.13
13	-3.500	0.923	970.66	1441.7	495.4	79.5	0.915	0.993	1.000	0.015	0.993	0.002	0.008	0.49	0.14
14	-3.000	0.921	969.64	1442.0	494.9	79.6	0.914	0.993	1.001	0.015	0.993	0.002	0.008	0.47	0.13
16	-2.500	0.924	971.98	1440.0	495.6	79.6	0.914	0.991	1.001	0.019	0.991	0.002	0.008	0.45	0.12
17	-2.000	0.924	972.05	1440.7	495.9	79.6	0.916	0.993	1.001	0.016	0.993	0.003	0.008	0.43	0.17
18	-1.500	0.923	970.78	1440.7	495.2	79.4	0.915	0.993	1.001	0.016	0.993	0.002	0.007	0.41	0.13
19	-1.000	0.922	969.84	1440.1	494.4	79.5	0.914	0.993	1.001	0.016	0.993	0.003	0.007	0.40	0.16
20	-0.500	0.920	968.41	1439.5	493.4	79.4	0.914	0.994	1.001	0.014	0.994	0.002	0.007	0.38	0.14
21	0.000	0.923	970.09	1440.7	495.2	79.4	0.915	0.993	1.001	0.017	0.993	0.002	0.006	0.35	0.12
22	0.500	0.922	970.36	1441.0	495.0	79.5	0.916	0.994	1.001	0.014	0.994	0.002	0.005	0.31	0.14
23	1.000	0.921	968.99	1440.3	494.0	79.4	0.914	0.994	1.001	0.013	0.994	0.002	0.005	0.28	0.12
25	1.500	0.925	973.14	1442.1	496.9	79.7	0.917	0.993	1.000	0.016	0.993	0.002	0.005	0.26	0.12
26	2.000	0.924	971.48	1441.4	495.8	79.4	0.917	0.994	1.001	0.013	0.994	0.002	0.004	0.23	0.14
27	2.500	0.922	970.09	1441.4	495.0	79.5	0.917	0.995	1.001	0.011	0.995	0.002	0.004	0.22	0.13
29	3.000	0.925	972.57	1441.5	496.5	79.4	0.917	0.993	1.000	0.015	0.993	0.002	0.003	0.17	0.12
30	3.500	0.924	972.26	1440.7	496.1	79.4	0.918	0.994	1.001	0.012	0.994	0.002	0.003	0.18	0.14
31	4.000	0.923	971.30	1441.6	495.8	79.4	0.919	0.996	1.001	0.010	0.996	0.002	0.003	0.16	0.12
32	4.500	0.926	973.38	1440.1	496.5	79.5	0.919	0.994	1.001	0.013	0.994	0.002	0.002	0.14	0.11
33	5.000	0.926	974.00	1441.5	497.4	79.4	0.921	0.995	1.000	0.011	0.995	0.002	0.002	0.14	0.14
34	5.500	0.925	972.77	1441.4	496.7	79.3	0.921	0.996	1.001	0.009	0.996	0.002	0.002	0.14	0.13
35	6.000	0.924	971.98	1440.2	495.8	79.4	0.920	0.996	1.001	0.009	0.996	0.002	0.002	0.13	0.12
36	6.500	0.923	971.47	1441.4	495.8	79.5	0.920	0.997	1.001	0.008	0.997	0.002	0.002	0.12	0.14
37	7.000	0.923	970.83	1441.0	495.2	79.7	0.918	0.996	1.001	0.009	0.996	0.002	0.002	0.14	0.12
38	7.500	0.923	970.42	1442.1	495.6	79.2	0.918	0.996	1.000	0.008	0.996	0.002	0.002	0.14	0.14
39	8.000	0.921	969.08	1439.9	494.2	79.0	0.917	0.996	1.001	0.010	0.996	0.002	0.002	0.13	0.12
40	8.500	0.925	972.51	1438.5	495.7	79.0	0.918	0.993	1.001	0.016	0.993	0.002	0.002	0.12	0.11
41	9.000	0.926	973.00	1440.1	496.9	79.4	0.920	0.995	1.001	0.012	0.995	0.002	0.003	0.15	0.14
42	9.500	0.926	973.74	1441.9	497.4	79.4	0.920	0.994	1.001	0.012	0.994	0.002	0.003	0.15	0.13
43	10.000	0.926	973.82	1441.7	497.4	79.4	0.918	0.993	1.000	0.015	0.993	0.002	0.002	0.14	0.09
44	10.500	0.926	973.91	1442.2	497.6	79.4	0.918	0.993	1.000	0.015	0.993	0.002	0.002	0.13	0.12
45	11.000	0.926	973.63	1440.5	496.8	79.4	0.918	0.993	1.001	0.016	0.993	0.002	0.002	0.13	0.12
46	11.500	0.927	974.53	1441.9	497.8	79.4	0.919	0.993	1.001	0.016	0.993	0.002	0.003	0.15	0.11
47	12.000	0.927	974.91	1441.0	497.7	79.3	0.919	0.992	1.001	0.017	0.992	0.002	0.002	0.13	0.11
48	12.500	0.929	976.31	1440.2	498.3	79.4	0.919	0.991	1.001	0.019	0.991	0.002	0.002	0.14	0.09
49	13.000	0.922	969.95	1442.0	495.2	79.4	0.916	0.995	1.000	0.011	0.995	0.002	0.002	0.14	0.12
50	13.500	0.924	971.78	1441.6	496.1	79.5	0.916	0.993	1.000	0.014	0.993	0.002	0.003	0.17	0.12
51	14.000	0.927	974.84	1442.1	496.1	79.4	0.919	0.992	1.000	0.016	0.992	0.002	0.003	0.20	0.10
53	14.500	0.925	973.17	1440.4	496.5	79.4	0.919	0.994	1.001	0.013	0.994	0.002	0.003	0.18	0.12
54	15.000	0.925	973.03	1440.5	496.5	79.4	0.918	0.993	1.001	0.016	0.993	0.002	0.004	0.22	0.11
57	15.500	0.927	974.22	1441.2	497.4	79.4	0.920	0.994	1.001	0.013	0.994	0.002	0.004	0.23	0.10

TEST	PART	PEX10-6	ALFA	WING	YT	ZT	RNW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1173	3.001	2.01	60	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
59	16.000	0.925	972.84	1441.7	496.8	79.4	0.920	0.995	1.001	0.011	0.995	0.002	0.004	0.25	0.13
61	16.500	0.926	973.80	1441.3	497.3	79.4	0.919	0.994	1.000	0.013	0.994	0.002	0.005	0.28	0.10
64	17.000	0.927	974.49	1441.0	497.4	79.6	0.921	0.995	1.001	0.012	0.995	0.002	0.005	0.28	0.10
65	17.500	0.926	973.60	1440.1	496.7	79.4	0.919	0.994	1.001	0.015	0.994	0.002	0.005	0.29	0.10
66	18.000	0.927	974.54	1440.9	497.5	79.4	0.919	0.993	1.001	0.015	0.993	0.002	0.005	0.31	0.09
67	18.500	0.928	975.01	1440.7	498.2	79.4	0.920	0.992	1.001	0.016	0.992	0.002	0.005	0.31	0.09
68	19.000	0.930	977.27	1442.1	499.3	79.7	0.921	0.992	1.001	0.018	0.992	0.002	0.006	0.32	0.11
71	19.500	0.926	976.20	1441.7	497.5	79.6	0.919	0.993	1.001	0.015	0.993	0.002	0.006	0.34	0.11
76	20.000	0.929	976.50	1441.4	498.8	79.5	0.920	0.992	1.001	0.018	0.992	0.002	0.006	0.32	0.10
77	20.500	0.927	974.54	1440.7	497.5	79.3	0.920	0.993	1.001	0.015	0.993	0.002	0.006	0.32	0.11
78	21.000	0.929	976.11	1440.9	498.4	79.5	0.919	0.991	1.001	0.018	0.991	0.002	0.006	0.34	0.09
79	21.500	0.927	975.01	1441.9	498.1	79.5	0.919	0.993	1.000	0.015	0.993	0.002	0.006	0.32	0.09
80	22.000	0.929	976.10	1440.7	498.3	79.4	0.920	0.992	1.001	0.017	0.992	0.002	0.006	0.34	0.11
81	22.500	0.924	977.10	1441.0	496.3	79.5	0.917	0.993	1.000	0.014	0.993	0.002	0.006	0.34	0.11
82	23.000	0.925	977.63	1441.2	496.4	79.6	0.917	0.993	1.001	0.015	0.993	0.002	0.006	0.35	0.09
83	23.500	0.926	973.73	1440.7	496.9	79.5	0.918	0.993	1.001	0.016	0.993	0.002	0.006	0.37	0.11
84	24.000	0.927	975.17	1441.5	498.0	79.6	0.919	0.992	1.001	0.017	0.992	0.002	0.007	0.38	0.09

TEST	PART	REX10-6	ALPA	WING	YT	ZT	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1174	2.995	2.01	69	10.00	-10.00	7-502		2- 8-77	TRANSONIC 4T

POINT	XT	V	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
3	-6.000	0.924	971.89	1439.2	495.4	79.4	0.918	0.995	1.003	0.014	0.995	0.003	0.009	0.53	0.15
4	-5.500	0.924	971.74	1441.2	495.9	79.6	0.916	0.993	1.001	0.016	0.993	0.003	0.003	0.16	0.19
5	-5.000	0.923	971.04	1441.5	495.6	79.5	0.915	0.993	1.001	0.016	0.993	0.003	0.003	0.15	0.17
6	-4.500	0.923	970.66	1440.5	495.0	79.5	0.914	0.993	1.001	0.017	0.992	0.003	0.002	0.13	0.17
7	-4.000	0.922	970.20	1441.4	495.1	79.4	0.915	0.993	1.001	0.015	0.993	0.003	0.002	0.12	0.16
8	-3.500	0.921	969.29	1441.3	494.5	79.5	0.914	0.994	1.001	0.014	0.994	0.003	0.002	0.10	0.19
9	-3.000	0.926	973.64	1440.7	496.9	79.4	0.917	0.991	1.001	0.019	0.991	0.003	0.002	0.11	0.19
10	-2.500	0.925	972.67	1441.4	496.6	79.3	0.916	0.992	1.001	0.017	0.992	0.003	0.002	0.10	0.18
11	-2.000	0.924	971.77	1440.7	495.8	79.4	0.916	0.992	1.001	0.017	0.992	0.003	0.001	0.07	0.20
12	-1.500	0.923	971.19	1441.4	495.7	79.4	0.915	0.992	1.000	0.016	0.992	0.004	0.001	0.06	0.21
13	-1.000	0.922	969.99	1442.4	495.3	79.4	0.914	0.993	1.001	0.015	0.993	0.004	0.001	0.04	0.21
14	-0.500	0.920	969.41	1441.2	494.0	79.4	0.912	0.993	1.001	0.016	0.993	0.004	0.000	0.03	0.24
15	0.000	0.922	970.39	1440.7	495.0	79.4	0.913	0.991	1.001	0.020	0.991	0.004	-0.000	-0.00	0.22
16	0.500	0.925	972.80	1441.3	496.6	79.4	0.917	0.992	1.001	0.017	0.992	0.004	-0.000	-0.01	0.26
17	1.000	0.924	971.53	1439.6	495.3	79.4	0.916	0.993	1.002	0.017	0.993	0.005	-0.000	-0.03	0.26
18	1.500	0.922	970.41	1439.7	494.7	79.4	0.916	0.994	1.002	0.015	0.994	0.004	-0.001	-0.05	0.24
19	2.000	0.923	971.17	1441.2	495.6	79.4	0.915	0.992	1.001	0.017	0.992	0.005	-0.001	-0.07	0.26
20	2.500	0.926	973.62	1441.0	497.0	79.4	0.918	0.993	1.001	0.015	0.993	0.005	-0.001	-0.09	0.28
21	3.000	0.925	972.80	1441.3	496.6	79.4	0.918	0.994	1.001	0.013	0.994	0.005	-0.002	-0.11	0.28
22	3.500	0.924	971.57	1441.4	495.9	79.5	0.918	0.995	1.001	0.012	0.995	0.005	-0.002	-0.11	0.28
23	4.000	0.922	970.41	1440.4	494.9	79.4	0.917	0.995	1.002	0.012	0.995	0.005	-0.002	-0.12	0.29
24	4.500	0.925	972.41	1440.1	496.0	79.4	0.917	0.993	1.001	0.015	0.993	0.005	-0.002	-0.13	0.32
25	5.000	0.928	975.39	1441.7	498.2	79.5	0.921	0.994	1.001	0.013	0.994	0.005	-0.003	-0.15	0.28
26	5.500	0.925	972.79	1442.3	497.0	79.4	0.920	0.996	1.001	0.010	0.996	0.005	-0.002	-0.13	0.28
27	6.000	0.924	971.65	1440.0	495.4	79.5	0.919	0.996	1.001	0.011	0.996	0.005	-0.002	-0.14	0.29
28	6.500	0.924	971.79	1441.1	495.9	79.5	0.919	0.996	1.001	0.010	0.996	0.005	-0.002	-0.13	0.28
29	7.000	0.923	971.45	1442.2	495.1	79.4	0.919	0.996	1.001	0.009	0.996	0.005	-0.003	-0.15	0.28
30	7.500	0.923	970.90	1441.6	495.6	79.5	0.918	0.996	1.001	0.010	0.996	0.004	-0.002	-0.13	0.25
31	8.000	0.923	970.84	1440.8	495.3	79.4	0.918	0.995	1.001	0.011	0.995	0.004	-0.002	-0.11	0.25
32	8.500	0.922	970.57	1440.0	494.8	79.5	0.918	0.995	1.001	0.011	0.995	0.004	-0.002	-0.12	0.26
33	9.000	0.922	969.80	1441.7	495.1	79.2	0.917	0.996	1.001	0.011	0.996	0.004	-0.002	-0.10	0.26
34	9.500	0.923	970.63	1439.4	494.7	79.4	0.916	0.994	1.001	0.014	0.994	0.005	-0.002	-0.13	0.27
35	10.000	0.924	971.48	1441.4	495.9	79.4	0.917	0.994	1.001	0.012	0.994	0.005	-0.002	-0.11	0.26
36	10.500	0.923	971.29	1440.9	495.6	79.4	0.917	0.994	1.001	0.014	0.994	0.005	-0.002	-0.10	0.28
37	11.000	0.924	971.91	1441.1	496.1	79.3	0.919	0.994	1.001	0.013	0.994	0.005	-0.002	-0.12	0.30
38	11.500	0.924	971.67	1439.5	495.3	79.4	0.918	0.995	1.002	0.013	0.995	0.005	-0.002	-0.12	0.28
39	12.000	0.925	973.33	1441.2	496.8	79.5	0.919	0.994	1.001	0.014	0.994	0.005	-0.002	-0.12	0.29
40	12.500	0.927	974.53	1441.9	497.8	79.4	0.919	0.993	1.001	0.015	0.993	0.005	-0.002	-0.12	0.32
41	13.000	0.927	974.60	1440.3	497.4	79.3	0.920	0.994	1.001	0.015	0.994	0.006	-0.002	-0.12	0.32
42	13.500	0.927	974.50	1438.6	496.6	79.5	0.921	0.995	1.001	0.012	0.995	0.005	-0.002	-0.10	0.30
43	14.000	0.926	973.95	1442.8	497.8	79.5	0.920	0.995	1.000	0.011	0.995	0.005	-0.001	-0.08	0.30
44	14.500	0.928	975.53	1441.6	498.3	79.5	0.922	0.995	1.001	0.013	0.995	0.005	-0.001	-0.08	0.30
45	15.000	0.925	972.95	1441.4	496.7	79.5	0.920	0.996	1.001	0.010	0.996	0.005	-0.001	-0.05	0.29
46	15.500	0.925	972.66	1441.4	496.6	79.4	0.922	0.997	1.001	0.006	0.997	0.005	-0.000	-0.02	0.28

TEST	PART	REX10-6	ALFA.	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1174	2.995	2.01	6B	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
47	16.000	0.927	974.21	1441.0	497.3	79.4	0.922	0.996	1.001	0.010	0.996	0.005	-0.000	-0.01	0.26
48	16.500	0.925	973.09	1440.4	496.5	79.4	0.922	0.997	1.001	0.009	0.997	0.005	0.001	0.03	0.26
49	17.000	0.923	970.87	1440.5	495.2	79.4	0.920	0.997	1.001	0.008	0.997	0.005	0.001	0.04	0.27
50	17.500	0.927	974.58	1441.1	497.7	79.2	0.921	0.994	1.001	0.013	0.994	0.004	0.001	0.07	0.26
51	18.000	0.927	974.55	1439.2	496.8	79.0	0.922	0.995	1.001	0.011	0.995	0.004	0.002	0.10	0.25
52	18.500	0.927	974.30	1440.3	497.1	79.4	0.921	0.995	1.001	0.012	0.995	0.004	0.002	0.10	0.24
53	19.000	0.926	975.53	1441.6	498.3	79.5	0.922	0.994	1.001	0.013	0.994	0.005	0.002	0.11	0.28
54	19.500	0.927	974.63	1440.9	497.5	79.5	0.920	0.994	1.001	0.015	0.994	0.005	0.002	0.10	0.27
55	20.000	0.927	974.70	1441.0	497.6	79.4	0.920	0.994	1.001	0.014	0.994	0.005	0.002	0.10	0.29
56	20.500	0.927	974.90	1441.0	497.7	79.4	0.920	0.993	1.001	0.016	0.993	0.005	0.002	0.10	0.29
57	21.000	0.928	975.74	1440.6	496.0	79.5	0.920	0.993	1.001	0.016	0.993	0.005	0.002	0.09	0.29
58	21.500	0.928	975.87	1441.0	498.3	79.5	0.921	0.993	1.001	0.016	0.993	0.005	0.002	0.10	0.30
59	22.000	0.926	973.70	1441.1	497.2	79.2	0.919	0.993	1.001	0.015	0.993	0.005	0.002	0.09	0.30
60	22.500	0.925	977.84	1439.3	496.0	79.4	0.920	0.995	1.001	0.012	0.995	0.005	0.001	0.06	0.29
61	23.000	0.925	973.23	1443.1	497.6	79.6	0.918	0.993	1.000	0.014	0.993	0.005	0.002	0.09	0.31
62	23.500	0.926	974.21	1440.5	497.1	79.5	0.919	0.993	1.001	0.015	0.993	0.005	0.002	0.10	0.30
63	24.000	0.925	972.92	1440.3	496.3	79.4	0.920	0.995	1.001	0.010	0.995	0.005	0.002	0.10	0.29

TEST	PART	RE X10-6	ALFA	WING	YT	ZT	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1175	3.000	2.01	66	14.14	0.00	7	503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
3	-6.000	0.924	971.83	1441.5	496.1	79.4	0.918	0.995	1.001	0.012	0.995	0.003	0.003	0.18	0.18
4	-5.500	0.927	974.79	1439.1	497.0	79.4	0.915	0.989	1.001	0.024	0.989	0.003	0.005	0.32	0.17
5	-5.000	0.929	976.66	1442.2	499.2	79.4	0.920	0.991	1.000	0.018	0.991	0.003	0.006	0.32	0.19
6	-4.500	0.924	971.84	1440.7	495.7	79.7	0.915	0.992	1.002	0.019	0.992	0.003	0.006	0.34	0.20
7	-4.000	0.924	972.33	1441.0	495.2	79.5	0.915	0.991	1.001	0.019	0.991	0.003	0.006	0.33	0.20
8	-3.500	0.924	971.89	1441.6	495.2	79.4	0.914	0.991	1.001	0.019	0.991	0.004	0.005	0.31	0.21
9	-3.000	0.923	971.63	1440.1	495.2	79.4	0.914	0.992	1.002	0.019	0.992	0.004	0.005	0.31	0.23
10	-2.500	0.924	971.61	1439.9	495.4	79.4	0.914	0.991	1.001	0.020	0.991	0.004	0.005	0.31	0.23
11	-2.000	0.924	971.92	1441.3	495.1	79.4	0.914	0.991	1.001	0.019	0.991	0.005	0.006	0.34	0.26
12	-1.500	0.923	971.35	1440.3	495.5	79.3	0.914	0.991	1.001	0.021	0.991	0.005	0.005	0.31	0.26
13	-1.000	0.923	970.39	1438.6	494.4	79.1	0.913	0.991	1.002	0.020	0.991	0.005	0.005	0.31	0.28
14	-0.500	0.923	971.33	1440.8	495.5	79.5	0.914	0.991	1.000	0.018	0.991	0.005	0.005	0.30	0.30
15	0.000	0.922	970.13	1441.8	495.2	79.5	0.913	0.992	1.001	0.018	0.992	0.005	0.005	0.31	0.32
16	0.500	0.926	973.72	1441.0	497.0	79.4	0.916	0.990	1.001	0.021	0.990	0.006	0.005	0.30	0.34
17	1.000	0.925	972.86	1439.5	496.0	79.4	0.915	0.991	1.001	0.021	0.991	0.006	0.005	0.29	0.37
18	1.500	0.925	972.61	1440.1	495.1	79.4	0.916	0.992	1.001	0.018	0.992	0.006	0.005	0.28	0.36
19	2.000	0.924	972.31	1440.8	496.1	79.5	0.915	0.991	1.001	0.019	0.991	0.007	0.005	0.30	0.39
20	2.500	0.924	972.09	1441.3	495.0	79.7	0.916	0.992	1.001	0.017	0.992	0.006	0.005	0.30	0.37
21	3.000	0.924	971.85	1441.2	496.0	79.5	0.916	0.993	1.001	0.016	0.993	0.007	0.005	0.28	0.39
22	3.500	0.924	971.64	1440.8	495.8	79.3	0.916	0.993	1.001	0.016	0.993	0.007	0.005	0.28	0.41
23	4.000	0.924	971.20	1439.5	495.2	79.1	0.916	0.993	1.001	0.016	0.993	0.007	0.005	0.28	0.39
24	4.500	0.923	971.24	1438.4	494.7	79.4	0.917	0.994	1.001	0.014	0.994	0.007	0.005	0.28	0.40
25	5.000	0.924	971.67	1441.3	495.9	79.4	0.918	0.995	1.001	0.012	0.995	0.007	0.005	0.28	0.38
26	5.500	0.923	971.08	1441.0	495.7	79.1	0.918	0.995	1.001	0.012	0.995	0.007	0.005	0.27	0.38
27	6.000	0.924	971.81	1439.4	495.4	79.4	0.918	0.995	1.001	0.012	0.995	0.006	0.005	0.30	0.36
28	6.500	0.924	972.17	1442.6	496.7	79.4	0.920	0.996	1.001	0.010	0.996	0.006	0.005	0.29	0.36
29	7.000	0.924	971.74	1441.5	496.1	79.4	0.918	0.995	1.001	0.012	0.995	0.006	0.005	0.30	0.35
30	7.500	0.924	972.21	1440.1	495.9	79.4	0.920	0.996	1.001	0.011	0.996	0.006	0.005	0.29	0.34
31	8.000	0.925	973.01	1440.8	496.6	79.4	0.920	0.995	1.001	0.012	0.995	0.006	0.005	0.29	0.33
32	8.500	0.926	973.58	1440.6	496.8	79.4	0.920	0.995	1.001	0.012	0.995	0.005	0.005	0.29	0.31
33	9.000	0.926	973.30	1440.6	496.7	79.4	0.920	0.995	1.001	0.012	0.995	0.005	0.005	0.28	0.31
34	9.500	0.927	974.89	1442.0	498.1	79.4	0.921	0.994	1.000	0.013	0.994	0.005	0.005	0.30	0.31
35	10.000	0.922	970.26	1440.8	495.0	79.3	0.917	0.995	1.001	0.012	0.995	0.005	0.006	0.33	0.31
36	10.500	0.924	971.89	1439.2	495.4	79.4	0.918	0.994	1.001	0.013	0.994	0.005	0.005	0.30	0.30
37	11.000	0.925	972.82	1441.5	496.7	79.4	0.919	0.995	1.001	0.012	0.994	0.006	0.006	0.32	0.35
38	11.500	0.926	973.87	1441.7	497.4	79.4	0.920	0.995	1.001	0.012	0.995	0.006	0.006	0.32	0.35
39	12.000	0.927	974.81	1441.2	497.8	79.4	0.921	0.994	1.000	0.013	0.994	0.005	0.006	0.34	0.31
40	12.500	0.927	974.79	1440.3	497.4	79.4	0.922	0.995	1.001	0.012	0.995	0.006	0.006	0.36	0.33
41	13.000	0.929	976.27	1440.9	499.5	79.4	0.923	0.995	1.000	0.011	0.995	0.006	0.006	0.35	0.33
42	13.500	0.924	971.88	1442.1	495.4	79.4	0.921	0.997	1.000	0.006	0.997	0.005	0.007	0.38	0.31
43	14.000	0.925	972.96	1440.8	496.5	79.5	0.922	0.997	1.001	0.007	0.997	0.005	0.007	0.40	0.27
44	14.500	0.927	974.74	1441.1	497.6	79.6	0.925	0.998	1.001	0.005	0.998	0.005	0.007	0.41	0.28
45	15.000	0.924	971.65	1441.7	496.1	79.4	0.924	1.000	1.000	0.000	1.000	0.004	0.008	0.44	0.24
46	15.500	0.925	973.23	1440.5	496.6	79.4	0.926	1.001	1.001	-0.001	1.001	0.004	0.008	0.48	0.20

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1175	3.000	2.01	68	14.14	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
47	16.000	0.929	975.42	1440.7	497.8	79.4	0.929	1.001	1.001	-0.001	1.001	0.003	0.008	0.47	0.17
48	16.500	0.926	972.54	1441.7	496.6	79.4	0.928	1.003	1.001	-0.006	1.003	0.001	0.009	0.52	0.07
49	17.000	0.927	974.38	1442.5	498.0	79.4	0.928	1.001	1.001	-0.002	1.001	-0.000	0.010	0.56	-0.02
50	17.500	0.924	971.68	1440.2	495.6	79.4	0.926	1.002	1.002	-0.002	1.002	-0.002	0.010	0.59	-0.09
51	18.000	0.925	973.32	1439.6	496.4	79.2	0.924	0.998	1.001	0.005	0.998	-0.002	0.010	0.58	-0.10
52	18.500	0.930	976.87	1440.9	498.0	79.3	0.925	0.996	1.001	0.009	0.996	-0.002	0.011	0.61	-0.13
53	19.000	0.926	973.69	1440.1	496.7	79.4	0.922	0.996	1.001	0.009	0.996	-0.002	0.011	0.62	-0.12
54	19.500	0.925	972.61	1440.6	496.3	79.3	0.921	0.997	1.001	0.009	0.997	-0.002	0.010	0.60	-0.10
55	20.000	0.924	973.39	1440.6	495.7	79.4	0.919	0.994	1.001	0.013	0.994	-0.001	0.011	0.62	-0.08
56	20.500	0.927	974.33	1440.7	497.3	79.4	0.920	0.994	1.001	0.013	0.994	-0.001	0.011	0.63	-0.05
57	21.000	0.925	972.98	1441.1	496.7	79.4	0.920	0.995	1.001	0.012	0.995	-0.001	0.011	0.64	-0.05
58	21.500	0.927	974.96	1440.6	497.6	79.4	0.919	0.992	1.001	0.017	0.992	-0.001	0.011	0.62	-0.06
59	22.000	0.927	974.87	1440.6	497.6	79.3	0.920	0.994	1.001	0.014	0.994	-0.001	0.011	0.64	-0.04
60	22.500	0.924	973.63	1439.3	496.4	79.4	0.919	0.994	1.001	0.014	0.994	-0.000	0.011	0.63	-0.02
61	23.000	0.927	974.43	1440.0	497.2	79.3	0.920	0.994	1.000	0.013	0.994	-0.000	0.011	0.63	-0.02
62	23.500	0.928	975.15	1440.4	498.4	79.1	0.921	0.993	1.001	0.016	0.993	-0.000	0.011	0.64	-0.03
63	24.000	0.928	975.72	1440.5	498.2	79.1	0.921	0.993	1.001	0.015	0.993	-0.001	0.011	0.66	-0.04

TEST	PART	PTX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1176	2.000	2.01	60	-10.00	-10.00	7-504	2- 8-77	TRANSONIC 4T

POINT	XT	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
3	-6.000	0.924	977.33	1440.3	496.0	79.4	0.916	0.992	1.001	0.018	0.992	0.003	0.006	0.32	0.15
4	-4.000	0.922	970.00	1440.0	494.6	79.2	0.915	0.994	1.001	0.015	0.994	0.001	0.007	0.40	0.04
7	-2.000	0.925	977.46	1439.3	495.8	79.2	0.915	0.991	1.001	0.019	0.991	0.000	0.006	0.34	0.00
8	0.000	0.921	969.31	1439.5	494.0	79.3	0.915	0.994	1.002	0.015	0.994	-0.001	0.005	0.31	-0.06
9	2.000	0.923	970.49	1440.0	494.9	79.3	0.915	0.993	1.001	0.015	0.993	-0.002	0.004	0.22	-0.10
10	4.000	0.923	970.85	1439.6	494.9	79.3	0.917	0.994	1.001	0.013	0.994	-0.002	0.003	0.17	-0.13
12	6.000	0.926	973.50	1440.1	496.7	79.3	0.919	0.994	1.000	0.014	0.994	-0.002	0.003	0.15	-0.11
13	8.000	0.926	973.59	1440.9	497.0	79.2	0.920	0.994	1.000	0.012	0.994	-0.002	0.003	0.16	-0.10
14	10.000	0.925	972.57	1440.0	496.1	79.2	0.918	0.994	1.000	0.013	0.994	-0.002	0.003	0.17	-0.09
15	12.000	0.927	974.76	1439.9	497.3	79.4	0.920	0.993	1.000	0.015	0.993	-0.003	0.003	0.16	-0.14
17	14.000	0.923	971.26	1441.0	495.7	79.3	0.921	0.997	1.001	0.007	0.997	-0.003	0.003	0.18	-0.15
20	16.000	0.925	972.30	1440.4	496.1	79.2	0.923	0.999	1.000	0.002	0.999	-0.002	0.005	0.26	-0.12
22	18.000	0.924	971.84	1441.0	496.0	79.4	0.920	0.996	1.001	0.009	0.996	-0.002	0.006	0.34	-0.13
25	20.000	0.928	975.23	1441.2	492.2	79.1	0.921	0.994	1.000	0.012	0.994	-0.003	0.006	0.36	-0.16
27	22.000	0.925	973.36	1439.7	496.4	79.4	0.921	0.996	1.001	0.009	0.996	-0.003	0.006	0.35	-0.18
28	24.000	0.927	974.70	1440.3	497.4	79.3	0.921	0.994	1.001	0.014	0.994	-0.003	0.006	0.35	-0.17

TEST	PART	REX10-6	ALFA	NTYG	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1206	3.000	9.01	48	0.00	-5.00	6-301	2- 8-77	TRANSONIC 4T

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
6	9.000	0.925	971.39	1436.4	494.9	78.1	0.915	0.991	1.001	0.021	0.987	0.005	0.082	4.72	0.27
7	9.666	0.923	969.59	1436.0	493.6	78.1	0.905	0.984	1.001	0.034	0.980	0.004	0.080	4.65	0.25
8	10.333	0.923	969.69	1436.7	494.0	78.1	0.899	0.977	1.001	0.047	0.974	0.004	0.077	4.50	0.24
9	11.000	0.924	970.47	1435.7	494.3	78.2	0.893	0.972	1.001	0.059	0.969	0.004	0.072	4.26	0.26
10	11.666	0.925	971.93	1434.3	495.0	78.1	0.890	0.968	1.001	0.066	0.965	0.004	0.067	3.99	0.23
11	12.333	0.926	972.74	1435.2	495.3	78.4	0.891	0.968	1.001	0.066	0.966	0.004	0.063	3.75	0.21
12	13.000	0.927	974.04	1436.4	496.2	78.3	0.895	0.970	1.001	0.061	0.968	0.003	0.060	3.54	0.20
13	13.666	0.923	970.37	1434.0	494.9	78.2	0.898	0.976	1.001	0.050	0.974	0.004	0.058	3.40	0.23
14	14.333	0.927	973.40	1435.1	495.9	78.1	0.905	0.980	1.001	0.041	0.978	0.003	0.057	3.39	0.20
15	15.000	0.925	971.57	1436.7	495.0	78.1	0.911	0.987	1.001	0.027	0.986	0.003	0.058	3.35	0.19
16	15.666	0.927	973.43	1434.0	495.9	78.2	0.916	0.990	1.001	0.022	0.988	0.004	0.059	3.42	0.21
17	16.333	0.922	969.03	1436.5	493.4	78.2	0.917	0.995	1.001	0.011	0.993	0.004	0.061	3.53	0.21
18	17.000	0.926	973.05	1438.2	495.4	78.2	0.918	0.992	1.001	0.018	0.990	0.003	0.063	3.62	0.19
19	17.666	0.927	973.31	1437.5	496.3	78.1	0.918	0.992	1.000	0.017	0.990	0.003	0.063	3.64	0.19
20	18.333	0.929	971.49	1436.6	494.8	78.2	0.913	0.989	1.001	0.024	0.987	0.004	0.062	3.59	0.21
21	19.000	0.924	970.38	1436.0	494.1	78.1	0.909	0.987	1.001	0.029	0.985	0.003	0.060	3.49	0.18

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1214	3.003	5.00	60	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	TW	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	9.000	0.927	974.06	1437.6	496.6	78.4	0.916	0.989	1.000	0.022	0.987	0.005	0.070	4.08	0.27
3	9.333	0.926	972.62	1439.2	496.0	78.4	0.908	0.983	1.002	0.036	0.981	0.005	0.070	4.07	0.27
4	9.666	0.927	973.76	1437.3	496.1	78.8	0.901	0.976	1.001	0.049	0.974	0.005	0.068	4.02	0.26
5	10.000	0.926	973.74	1440.6	496.9	79.0	0.894	0.970	1.000	0.060	0.968	0.004	0.066	3.90	0.26
6	10.333	0.925	972.40	1440.5	496.4	79.1	0.886	0.964	1.001	0.073	0.962	0.005	0.063	3.74	0.28
7	10.666	0.926	973.18	1440.3	496.7	79.1	0.881	0.958	1.001	0.085	0.956	0.004	0.059	3.54	0.28
8	11.000	0.926	973.77	1441.2	497.1	79.4	0.877	0.954	1.000	0.092	0.952	0.004	0.055	3.32	0.27
9	11.333	0.926	973.30	1442.1	497.2	79.4	0.874	0.952	1.002	0.099	0.950	0.004	0.051	3.05	0.26
10	11.666	0.926	973.67	1439.8	496.3	79.4	0.872	0.950	1.002	0.102	0.949	0.004	0.047	2.83	0.26
11	12.000	0.927	975.36	1441.6	498.0	79.8	0.876	0.952	1.001	0.097	0.951	0.004	0.044	2.65	0.26
12	12.333	0.925	973.08	1444.0	497.6	79.7	0.877	0.956	1.001	0.090	0.955	0.004	0.041	2.47	0.24
13	12.666	0.926	972.06	1442.4	496.4	79.8	0.878	0.958	1.001	0.086	0.957	0.004	0.039	2.36	0.21
14	13.000	0.926	972.18	1439.9	495.5	80.0	0.883	0.962	1.001	0.078	0.961	0.004	0.038	2.25	0.23
15	13.333	0.926	974.10	1445.1	498.5	79.8	0.890	0.967	1.000	0.067	0.966	0.004	0.037	2.10	0.25
16	13.666	0.926	973.53	1442.2	497.2	79.7	0.894	0.971	1.002	0.061	0.970	0.004	0.036	2.15	0.23
17	14.000	0.928	974.06	1442.9	498.7	80.1	0.902	0.976	1.000	0.048	0.975	0.004	0.036	2.13	0.24
18	14.333	0.923	972.03	1444.3	496.8	80.2	0.904	0.982	1.001	0.038	0.981	0.004	0.038	2.19	0.23
19	14.666	0.926	972.80	1443.4	497.0	80.2	0.909	0.986	1.001	0.031	0.985	0.004	0.038	2.22	0.24
20	15.000	0.926	973.99	1442.7	497.5	80.0	0.914	0.990	1.001	0.022	0.989	0.004	0.039	2.28	0.25
21	15.333	0.927	975.40	1442.6	498.2	80.2	0.920	0.993	1.002	0.016	0.992	0.005	0.041	2.35	0.26
22	15.666	0.926	972.22	1441.7	496.0	80.1	0.970	0.997	1.002	0.010	0.996	0.005	0.043	2.45	0.27
23	16.000	0.926	975.08	1443.6	497.7	80.3	0.923	0.997	1.001	0.007	0.996	0.004	0.044	2.55	0.24
24	16.333	0.928	974.40	1444.9	499.5	80.4	0.925	0.997	1.000	0.006	0.996	0.004	0.046	2.62	0.25
25	16.666	0.925	973.52	1444.2	497.5	80.5	0.922	0.997	1.001	0.008	0.996	0.005	0.047	2.71	0.27
26	17.000	0.927	975.48	1445.9	499.2	80.4	0.921	0.994	1.000	0.012	0.993	0.005	0.048	2.76	0.28
27	17.333	0.926	973.31	1444.2	497.3	80.5	0.916	0.992	1.002	0.019	0.991	0.005	0.047	2.74	0.28
28	17.666	0.926	975.14	1443.1	497.9	80.7	0.915	0.990	1.001	0.023	0.988	0.004	0.048	2.78	0.26
29	18.000	0.925	974.10	1446.6	498.6	80.6	0.912	0.988	1.001	0.027	0.986	0.005	0.047	2.71	0.27
30	18.333	0.926	975.45	1444.7	496.5	80.9	0.907	0.982	1.001	0.037	0.981	0.005	0.045	2.68	0.27
31	18.666	0.925	976.45	1447.6	498.9	81.0	0.906	0.982	1.001	0.037	0.981	0.005	0.044	2.59	0.26
32	19.000	0.926	975.00	1445.8	498.7	80.9	0.904	0.979	1.001	0.043	0.978	0.004	0.043	2.54	0.26

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1222	3.004	9.00	68	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	Y	M	VM	PT	Q	TT	ML	VMT/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
9	9.333	0.927	979.44	1460.9	504.6	84.8	0.905	0.980	1.001	0.042	0.978	0.004	0.047	2.73	0.21
10	9.666	0.923	975.88	1459.6	501.9	84.9	0.894	0.973	1.002	0.058	0.972	0.004	0.045	2.66	0.21
11	10.000	0.923	976.63	1457.9	501.5	85.3	0.883	0.962	1.001	0.077	0.961	0.003	0.043	2.54	0.19
12	10.333	0.924	976.86	1460.8	502.8	84.9	0.875	0.955	1.001	0.093	0.954	0.003	0.040	2.42	0.21
13	10.666	0.924	977.10	1461.6	503.2	84.9	0.867	0.946	1.001	0.109	0.945	0.004	0.036	2.20	0.22
14	11.000	0.925	977.49	1459.7	502.8	84.9	0.861	0.941	1.001	0.119	0.940	0.003	0.033	1.90	0.20
15	11.333	0.925	978.15	1460.7	503.5	85.0	0.863	0.938	1.001	0.124	0.938	0.003	0.028	1.71	0.18
16	11.666	0.925	977.99	1460.1	503.1	85.1	0.860	0.939	1.002	0.124	0.939	0.003	0.025	1.54	0.19
17	12.000	0.926	979.12	1460.7	504.1	85.0	0.864	0.942	1.001	0.118	0.941	0.003	0.022	1.35	0.20
18	12.333	0.927	980.00	1460.9	504.5	85.2	0.868	0.945	1.001	0.112	0.945	0.003	0.020	1.23	0.21
19	12.666	0.928	980.40	1460.0	504.6	85.0	0.875	0.951	1.001	0.099	0.951	0.003	0.019	1.12	0.20
20	13.000	0.924	977.35	1460.5	502.9	85.0	0.880	0.959	1.001	0.085	0.959	0.004	0.018	1.07	0.22
21	13.333	0.923	976.54	1459.6	502.1	85.1	0.885	0.964	1.002	0.074	0.964	0.004	0.018	1.04	0.21
22	13.666	0.925	978.17	1460.7	503.3	85.4	0.893	0.970	1.001	0.062	0.970	0.004	0.017	1.02	0.21
23	14.000	0.926	978.61	1461.8	504.3	84.6	0.900	0.976	1.001	0.050	0.976	0.004	0.018	1.05	0.22
24	14.333	0.926	978.75	1457.6	502.9	84.8	0.906	0.981	1.001	0.040	0.981	0.004	0.019	1.10	0.22
25	14.666	0.928	980.94	1457.9	504.1	85.2	0.915	0.988	1.002	0.028	0.988	0.004	0.020	1.15	0.23
26	15.000	0.925	977.67	1462.1	503.6	85.1	0.917	0.993	1.001	0.016	0.993	0.004	0.022	1.25	0.23
27	15.333	0.924	978.72	1460.2	503.8	85.2	0.923	0.996	1.001	0.009	0.996	0.005	0.023	1.33	0.27
28	15.666	0.927	979.04	1460.9	504.4	85.3	0.927	1.000	1.002	0.003	1.000	0.005	0.025	1.42	0.26
29	16.000	0.924	976.04	1460.8	502.9	84.9	0.926	1.001	1.001	-0.000	1.001	0.004	0.026	1.51	0.25
30	16.333	0.926	978.67	1458.9	503.1	85.2	0.926	1.001	1.001	0.001	1.000	0.004	0.028	1.59	0.24
31	16.666	0.928	981.10	1462.7	505.6	85.5	0.928	1.000	1.001	0.002	0.999	0.004	0.029	1.64	0.24
32	17.000	0.925	978.53	1462.8	504.3	85.3	0.921	0.996	1.001	0.010	0.995	0.004	0.029	1.67	0.24
33	17.333	0.926	978.51	1458.2	503.0	84.7	0.918	0.992	1.002	0.018	0.992	0.004	0.029	1.70	0.24
34	17.666	0.926	977.92	1458.5	502.9	84.4	0.914	0.990	1.001	0.023	0.989	0.004	0.029	1.67	0.23
35	18.000	0.927	978.88	1458.1	503.4	84.3	0.909	0.984	1.001	0.035	0.983	0.004	0.028	1.63	0.24
36	18.333	0.924	976.97	1457.8	502.0	84.6	0.903	0.980	1.001	0.041	0.980	0.004	0.027	1.59	0.25
37	18.666	0.927	979.42	1458.8	503.6	84.9	0.903	0.978	1.001	0.045	0.978	0.004	0.026	1.54	0.24
38	19.000	0.924	976.05	1460.0	502.4	84.3	0.899	0.977	1.001	0.048	0.976	0.004	0.025	1.45	0.24

TEST	PART	RE/X10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1207	3.001	5.01	60	2.00	-5.00	6-302	2- 8-77	TRANSONIC 4T

POINT	X	Y	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	10.333	0.926	972.44	1436.5	495.6	78.1	0.910	0.985	1.001	0.031	0.981	0.005	0.081	4.72	0.27
3	11.000	0.925	972.40	1436.1	495.3	78.3	0.897	0.973	1.001	0.057	0.970	0.011	0.072	4.27	0.68
4	11.666	0.927	973.41	1437.5	496.5	78.1	0.893	0.964	1.000	0.064	0.966	0.012	0.068	4.03	0.72
5	12.333	0.923	969.68	1436.7	493.8	78.2	0.889	0.969	1.001	0.063	0.947	0.012	0.064	3.77	0.73
6	13.000	0.923	970.79	1435.5	493.8	78.1	0.893	0.972	1.002	0.059	0.970	0.013	0.060	3.52	0.75
7	13.666	0.926	972.74	1436.0	495.4	78.2	0.898	0.974	1.001	0.053	0.973	0.012	0.057	3.38	0.74
8	14.333	0.924	971.63	1436.8	494.7	78.2	0.905	0.982	1.001	0.037	0.980	0.012	0.057	3.31	0.71
9	15.000	0.927	973.74	1437.9	496.7	78.1	0.911	0.985	1.001	0.031	0.983	0.012	0.057	3.31	0.68
10	15.666	0.926	972.20	1436.1	495.1	78.2	0.916	0.991	1.002	0.021	0.989	0.012	0.058	3.37	0.67
11	16.333	0.925	971.76	1435.2	494.5	78.3	0.920	0.995	1.001	0.012	0.994	0.011	0.061	3.49	0.66
12	17.000	0.926	972.74	1435.5	495.7	78.3	0.919	0.994	1.001	0.014	0.992	0.012	0.062	3.58	0.70
13	17.666	0.926	972.88	1438.0	496.1	78.3	0.916	0.991	1.001	0.020	0.989	0.013	0.062	3.59	0.74
14	18.333	0.926	972.83	1435.5	496.0	78.4	0.913	0.988	1.002	0.026	0.987	0.013	0.061	3.56	0.75
15	19.000	0.928	974.71	1436.0	496.5	78.2	0.913	0.986	1.001	0.030	0.984	0.013	0.060	3.48	0.75

TEST	PART	RPX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1213	3.006	5.00	A6	4.00	-5.00	6-303	2- 8-77	TRANSONIC 4T

POINT	X	P	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
7	11.000	0.926	966.47	1414.0	487.9	71.1	0.910	0.985	1.000	0.030	0.982	0.005	0.081	4.70	0.28
9	11.666	0.930	977.84	1419.4	491.0	75.0	0.900	0.973	1.002	0.058	0.970	0.018	0.072	4.27	1.05
10	12.333	0.974	971.03	1441.9	496.1	78.9	0.897	0.976	1.000	0.048	0.973	0.020	0.069	4.06	1.15
11	13.000	0.973	971.01	1442.5	495.9	79.5	0.895	0.974	1.001	0.053	0.972	0.020	0.066	3.89	1.19
12	13.666	0.974	972.96	1441.7	496.5	80.1	0.900	0.977	1.001	0.048	0.975	0.021	0.063	3.70	1.22
13	14.333	0.974	975.01	1443.8	498.2	80.5	0.906	0.981	1.001	0.039	0.979	0.021	0.061	3.58	1.23
14	15.000	0.929	977.75	1444.5	499.0	80.8	0.913	0.985	1.001	0.031	0.983	0.020	0.060	3.51	1.19
15	15.666	0.928	977.27	1447.2	500.2	81.4	0.919	0.992	1.001	0.017	0.990	0.020	0.062	3.56	1.18
16	16.333	0.926	973.41	1440.5	496.7	79.4	0.918	0.993	1.000	0.014	0.991	0.020	0.063	3.65	1.16
17	17.000	0.928	972.36	1474.8	497.4	76.1	0.921	0.994	1.001	0.014	0.992	0.070	0.065	3.77	1.18
18	17.666	0.974	973.06	1436.5	494.8	74.1	0.924	0.996	1.001	0.010	0.993	0.022	0.068	3.90	1.26
19	18.333	0.928	977.78	1430.9	494.5	74.1	0.918	0.991	1.001	0.020	0.988	0.023	0.067	3.88	1.34
21	15.000	0.973	967.43	1426.5	489.3	75.8	0.911	0.989	1.001	0.023	0.987	0.024	0.065	3.76	1.37

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1223	3.001	5.00	6A	4.00	-3.00	6-310	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VMT/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	0.924	977.51	1461.3	503.3	85.0	0.881	0.959	1.001	0.083	0.957	0.026	0.068	4.08	1.58
3	11.333	0.924	976.97	1459.5	502.3	85.1	0.886	0.964	1.002	0.074	0.961	0.030	0.075	4.46	1.80
4	11.666	0.926	978.51	1460.8	503.8	84.9	0.884	0.961	1.000	0.078	0.958	0.032	0.071	4.26	1.92
5	12.000	0.925	977.91	1458.4	502.6	85.0	0.883	0.960	1.002	0.082	0.957	0.034	0.067	4.03	2.03
6	12.333	0.926	978.49	1459.4	503.4	84.9	0.882	0.959	1.001	0.083	0.957	0.036	0.064	3.80	2.15
7	12.666	0.926	979.22	1459.3	503.6	85.1	0.883	0.960	1.002	0.082	0.957	0.037	0.060	3.56	2.23
8	13.000	0.924	977.15	1459.3	502.4	85.1	0.884	0.962	1.001	0.077	0.960	0.038	0.056	3.35	2.25
9	13.333	0.925	978.11	1462.7	504.2	85.0	0.887	0.964	1.001	0.072	0.962	0.038	0.053	3.15	2.27
10	13.666	0.926	978.96	1460.1	503.6	85.3	0.890	0.967	1.001	0.068	0.965	0.037	0.050	2.98	2.22
11	14.000	0.927	979.89	1461.6	504.7	85.4	0.896	0.971	1.001	0.059	0.970	0.036	0.048	2.83	2.14
12	14.333	0.928	980.67	1461.2	505.1	85.1	0.902	0.976	1.001	0.050	0.974	0.035	0.046	2.71	2.08
13	14.666	0.926	980.33	1457.8	503.0	84.8	0.907	0.981	1.002	0.041	0.979	0.034	0.046	2.68	1.98
14	15.000	0.927	979.88	1460.0	504.2	85.2	0.914	0.988	1.001	0.026	0.986	0.033	0.047	2.72	1.89
15	15.333	0.926	979.06	1462.3	504.6	85.0	0.917	0.991	1.001	0.020	0.990	0.031	0.048	2.76	1.79
16	15.666	0.925	977.71	1460.6	503.2	84.9	0.920	0.995	1.000	0.010	0.994	0.030	0.050	2.86	1.72
17	16.000	0.925	978.84	1459.5	503.5	84.9	0.925	0.999	1.001	0.004	0.997	0.029	0.052	2.98	1.68
18	16.333	0.924	977.57	1461.6	503.3	85.2	0.926	1.002	1.001	-0.001	1.000	0.030	0.055	3.16	1.69
19	16.666	0.926	978.74	1460.2	503.7	85.0	0.929	1.002	1.001	-0.003	1.000	0.030	0.058	3.30	1.72
20	17.000	0.928	980.97	1461.4	505.3	85.2	0.930	1.002	1.001	-0.002	1.000	0.031	0.060	3.43	1.80
21	17.333	0.925	978.49	1460.3	503.4	85.3	0.924	0.999	1.001	0.004	0.997	0.033	0.061	3.50	1.89
22	17.666	0.925	978.46	1460.1	503.2	85.4	0.922	0.997	1.002	0.010	0.994	0.034	0.061	3.51	1.97
23	18.000	0.926	978.97	1462.2	504.3	85.4	0.915	0.990	1.001	0.023	0.987	0.035	0.059	3.44	2.04
24	18.333	0.926	978.80	1458.2	503.2	84.7	0.911	0.986	1.002	0.032	0.983	0.036	0.058	3.36	2.07
25	18.666	0.925	978.40	1458.6	502.7	85.4	0.908	0.984	1.001	0.034	0.982	0.037	0.055	3.22	2.13
26	19.000	0.927	979.94	1463.0	505.3	85.0	0.907	0.981	1.001	0.040	0.979	0.036	0.053	3.10	2.12

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1224	3.005	5.00	68	4.90	-2.00	6-311	2- 8-77	

POINT	X	M	VM	PT	C	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AML	SML
2	11.000	0.927	979.74	1460.0	504.4	84.6	0.885	0.961	1.001	0.080	0.956	0.034	0.083	4.98	2.01
3	11.333	0.922	974.77	1458.0	500.7	84.7	0.879	0.956	1.001	0.089	0.952	0.038	0.080	4.79	2.29
4	11.666	0.923	976.13	1459.2	501.8	84.9	0.871	0.952	1.001	0.098	0.948	0.042	0.075	4.53	2.56
5	12.000	0.924	976.71	1460.4	502.5	85.0	0.869	0.949	1.001	0.104	0.945	0.046	0.069	4.17	2.81
6	12.333	0.925	977.94	1460.9	503.3	85.3	0.867	0.946	1.001	0.109	0.943	0.050	0.063	3.80	3.01
7	12.666	0.925	977.64	1461.4	503.4	85.1	0.868	0.947	1.001	0.108	0.944	0.051	0.056	3.38	3.08
8	13.000	0.925	978.29	1460.1	503.4	85.0	0.870	0.948	1.001	0.106	0.945	0.052	0.049	2.95	3.14
9	13.333	0.927	979.50	1460.0	504.0	85.1	0.875	0.951	1.001	0.096	0.949	0.051	0.042	2.56	3.08
10	13.666	0.929	981.27	1462.1	505.7	85.2	0.881	0.956	1.001	0.088	0.954	0.049	0.038	2.26	2.93
11	14.000	0.930	982.09	1462.5	506.4	85.1	0.890	0.963	1.000	0.074	0.961	0.046	0.034	2.05	2.72
12	14.333	0.929	981.25	1460.3	505.2	84.9	0.898	0.971	1.001	0.059	0.970	0.042	0.033	1.95	2.50
13	14.666	0.926	978.85	1461.5	503.9	85.2	0.904	0.980	1.000	0.041	0.979	0.039	0.033	1.95	2.28
14	15.000	0.926	979.15	1460.6	503.9	85.2	0.913	0.997	1.001	0.027	0.986	0.036	0.035	2.01	2.10
15	15.333	0.928	980.45	1461.5	505.1	85.1	0.921	0.993	1.001	0.015	0.992	0.033	0.037	2.16	1.90
16	15.466	0.925	977.94	1460.4	503.2	85.2	0.926	1.001	1.002	0.001	1.000	0.031	0.041	2.37	1.76
17	16.000	0.926	979.04	1459.7	503.6	85.1	0.931	1.004	1.001	-0.007	1.003	0.030	0.046	2.63	1.69
18	16.333	0.927	979.48	1459.4	504.0	84.7	0.935	1.008	1.002	-0.012	1.006	0.030	0.051	2.91	1.60
19	16.666	0.927	979.86	1458.6	503.6	85.4	0.938	1.010	1.001	-0.019	1.008	0.031	0.056	3.15	1.76
20	17.000	0.927	979.77	1463.1	505.1	85.4	0.935	1.008	1.001	-0.014	1.005	0.034	0.059	3.30	1.96
21	17.333	0.928	980.36	1461.0	504.8	85.1	0.930	1.002	1.001	-0.001	0.999	0.037	0.061	3.49	2.10
22	17.466	0.926	978.67	1459.4	503.3	85.1	0.918	0.993	1.001	0.015	0.991	0.039	0.059	3.41	2.24
23	18.000	0.928	980.95	1461.9	505.4	85.3	0.911	0.985	1.000	0.032	0.982	0.040	0.056	3.27	2.35
24	18.333	0.924	977.33	1459.5	502.8	85.2	0.901	0.978	1.001	0.046	0.976	0.041	0.052	3.04	2.30
25	18.466	0.927	979.61	1460.5	504.4	84.8	0.899	0.974	1.001	0.053	0.972	0.040	0.048	2.83	2.37
26	19.000	0.930	982.17	1460.9	505.9	85.0	0.900	0.972	1.600	0.055	0.971	0.041	0.045	2.68	2.43

AD-A062 274 NIELSEN ENGINEERING AND RESEARCH INC MOUNTAIN VIEW CALIF F/G 1/3
DATA REPORT FOR A TEST PROGRAM TO STUDY TRANSONIC FLOW FIELDS A--ETC(U)
JUL 77 S C PERKINS, S S STAHARA, M J HEMSCH F44620-75-C-0047
UNCLASSIFIED NEAR-TR-138-VOL-5 AFOSR-TR-78-1489 NL

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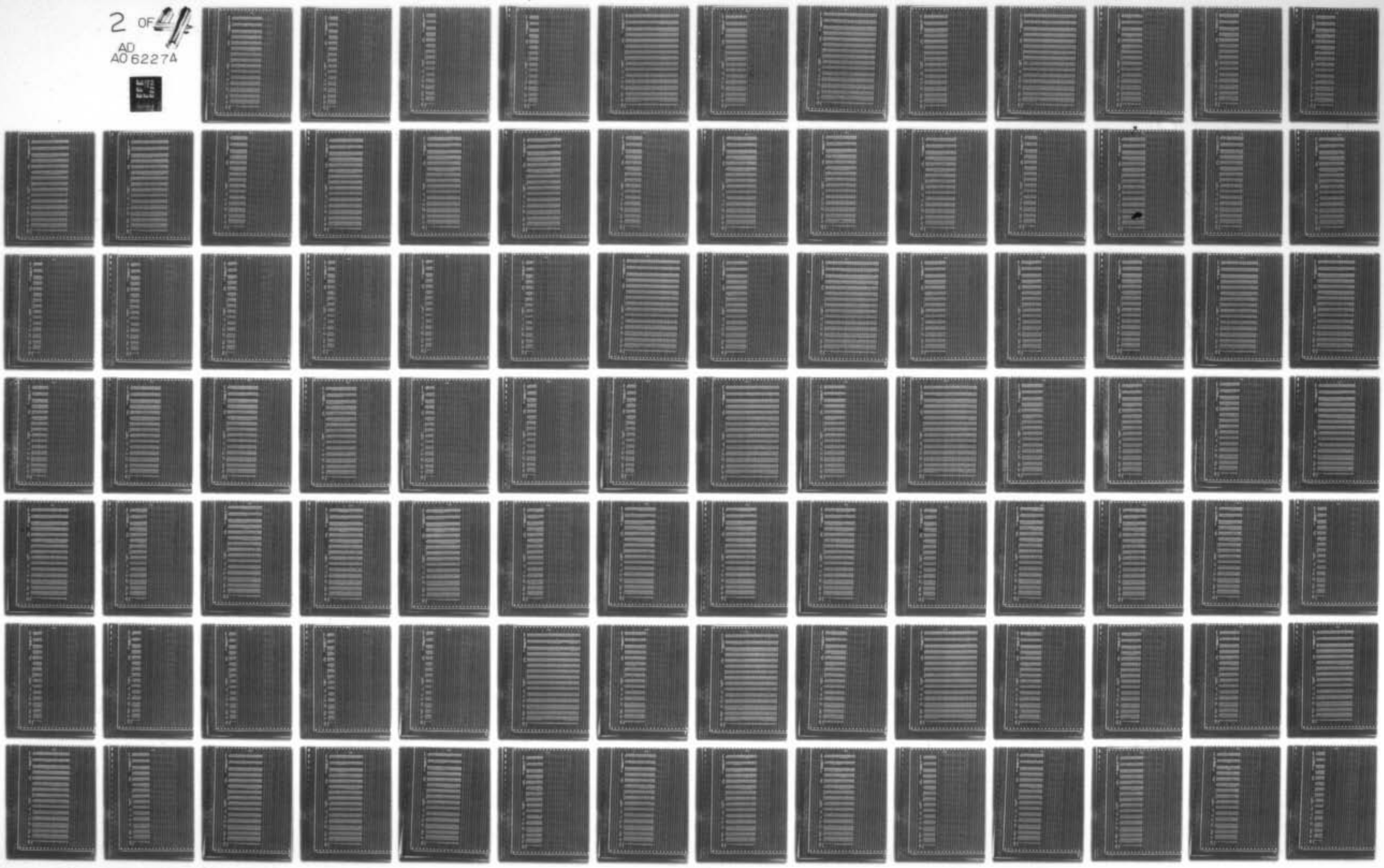

TEST	PART	RNX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1725	2.990	3.00	68	4.00	-1.00	6-312	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMT/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.923	976.19	1460.6	502.1	84.9	0.873	0.953	1.000	0.095	0.947	0.040	0.095	5.74	2.44
4	11.333	0.925	977.96	1460.0	503.2	84.8	0.867	0.945	1.001	0.110	0.940	0.049	0.092	5.62	2.96
5	11.666	0.925	978.94	1459.0	503.4	85.0	0.859	0.937	1.001	0.126	0.932	0.059	0.088	5.38	3.61
6	12.000	0.926	979.43	1458.7	503.4	85.3	0.851	0.929	1.002	0.143	0.923	0.069	0.080	4.95	4.28
7	12.333	0.926	978.90	1462.4	504.4	85.2	0.843	0.922	1.002	0.158	0.916	0.079	0.068	4.24	4.94
8	12.666	0.925	978.94	1458.7	503.1	85.3	0.836	0.915	1.002	0.171	0.910	0.084	0.050	3.16	5.26
9	13.000	0.928	980.43	1460.4	504.8	84.9	0.838	0.915	1.001	0.169	0.911	0.082	0.031	1.94	5.13
10	13.333	0.928	980.35	1460.1	504.6	84.9	0.847	0.924	1.001	0.154	0.921	0.074	0.017	1.04	4.62
11	13.666	0.929	981.66	1460.7	505.5	85.0	0.862	0.938	1.001	0.126	0.935	0.065	0.008	0.47	3.99
12	14.000	0.925	978.31	1460.5	503.4	85.2	0.878	0.956	1.002	0.091	0.954	0.056	0.005	0.28	3.39
13	14.333	0.926	977.98	1460.5	503.6	84.5	0.889	0.966	1.001	0.069	0.965	0.048	0.005	0.31	2.87
14	14.666	0.924	979.01	1456.9	502.5	84.2	0.903	0.979	1.002	0.045	0.978	0.041	0.008	0.45	2.42
15	15.000	0.928	980.62	1455.4	503.6	84.7	0.916	0.988	1.001	0.025	0.988	0.034	0.013	0.73	1.99
16	15.333	0.925	979.03	1460.7	504.1	84.9	0.927	1.000	1.001	0.001	1.000	0.030	0.019	1.12	1.71
17	15.666	0.925	975.29	1461.3	503.7	85.1	0.932	1.006	1.001	-0.010	1.005	0.027	0.028	1.60	1.53
18	16.000	0.927	979.73	1462.5	504.2	84.7	0.940	1.012	1.001	-0.072	1.011	0.025	0.037	2.09	1.43
19	16.333	0.924	978.49	1458.4	502.8	85.1	0.944	1.017	1.001	-0.032	1.016	0.027	0.046	2.57	1.51
20	16.666	0.926	978.47	1460.8	503.6	85.1	0.945	1.017	1.002	-0.032	1.016	0.031	0.053	2.99	1.78
21	17.000	0.928	980.25	1462.5	505.4	84.8	0.942	1.013	1.001	-0.074	1.010	0.036	0.058	3.31	2.06
22	17.333	0.925	977.54	1459.3	502.6	85.1	0.929	1.004	1.001	-0.006	1.002	0.040	0.060	3.41	2.30
23	17.666	0.927	979.51	1461.9	504.7	85.0	0.914	0.988	1.000	0.024	0.986	0.042	0.057	3.29	2.45
24	18.000	0.924	975.93	1460.9	502.7	85.1	0.895	0.973	1.001	0.055	0.971	0.043	0.051	3.00	2.55
25	18.333	0.926	978.00	1460.2	503.6	85.4	0.885	0.962	1.001	0.078	0.960	0.043	0.044	2.60	2.56
26	18.666	0.924	977.45	1461.9	503.4	85.2	0.882	0.961	1.001	0.080	0.959	0.043	0.037	2.22	2.55
27	19.000	0.924	977.52	1459.8	502.7	85.2	0.882	0.961	1.002	0.081	0.959	0.043	0.032	1.91	2.56

TEST	PART	RFX10-4	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1226	2,999	3,00	55	-4,00	-5,00	6-316	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	11.000	0.924	977.24	1461.4	503.0	85.4	0.891	0.969	1.001	0.063	0.965	0.026	0.077	4.59	1.56
5	12.333	0.925	978.13	1461.4	503.6	85.3	0.897	0.974	1.001	0.055	0.971	-0.014	0.072	4.23	-0.83
6	13.466	0.928	980.22	1459.7	504.4	85.0	0.903	0.977	1.001	0.048	0.975	-0.017	0.065	3.82	-0.98
7	15.000	0.928	981.09	1460.4	505.0	85.2	0.913	0.986	1.001	0.030	0.984	-0.016	0.063	3.65	-0.95
8	16.333	0.925	977.58	1460.0	503.1	84.7	0.921	0.996	1.001	0.009	0.994	-0.016	0.066	3.77	-0.92
9	17.466	0.928	980.46	1459.1	504.4	85.0	0.923	0.995	1.001	0.010	0.993	-0.018	0.069	3.98	-1.03
10	19.000	0.927	979.14	1460.7	504.3	84.8	0.916	0.991	1.001	0.021	0.988	-0.021	0.068	3.91	-1.22

TEST	PART	REX10-6	ALFA	VIPG	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1227	2.993	5.00	60	-4.00	-3.00	6-317	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VM1/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	11.000	0.922	976.49	1460.0	501.7	85.3	0.887	0.960	1.001	0.066	0.964	-0.019	0.080	4.76	-1.15
7	12.333	0.923	974.06	1460.3	502.1	85.0	0.880	0.960	1.001	0.082	0.957	-0.020	0.066	3.96	-1.60
8	13.666	0.927	979.74	1459.9	504.6	84.8	0.891	0.966	1.000	0.069	0.944	-0.030	0.052	3.11	-1.76
10	15.000	0.926	979.21	1460.0	503.8	85.1	0.913	0.987	1.000	0.026	0.986	-0.074	0.049	2.84	-1.40
11	16.333	0.927	978.59	1462.1	504.6	85.3	0.930	1.003	1.000	-0.006	1.002	-0.020	0.057	3.27	-1.15
12	17.666	0.924	976.97	1460.4	502.5	85.3	0.974	1.000	1.001	0.002	0.990	-0.026	0.064	3.70	-1.47
14	19.000	0.926	977.20	1463.0	503.7	85.1	0.906	0.983	1.000	0.034	0.981	-0.029	0.056	3.28	-1.67

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE
TC-494	1228	2.995	5.00	60	-4.00	-1.00	6	318	2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UL/VW	VL/VW	WL/VW	AAL	SWL
1	11.000	0.921	974.68	1460.8	501.4	85.1	0.869	0.951	1.001	0.099	0.946	-0.035	0.097	5.85	-2.10
2	12.333	0.925	980.54	1459.4	504.4	85.0	0.841	0.910	1.000	0.164	0.912	-0.074	0.069	4.32	-4.67
3	13.666	0.927	979.57	1458.8	503.7	84.9	0.862	0.940	1.001	0.122	0.938	-0.059	0.009	0.54	-3.60
4	15.000	0.923	975.96	1461.8	502.7	84.7	0.913	0.991	1.001	0.021	0.990	-0.029	0.015	0.84	-1.70
5	16.333	0.924	976.87	1456.5	501.5	84.5	0.944	1.018	1.002	-0.034	1.017	-0.021	0.047	2.64	-1.19
6	17.666	0.928	982.49	1454.8	503.6	84.8	0.919	0.992	1.001	0.018	0.989	-0.038	0.059	3.43	-2.19
7	19.000	0.924	978.10	1460.2	503.5	84.7	0.888	0.965	1.001	0.072	0.964	-0.041	0.036	2.12	-2.41

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1217	3.001	5.00	66	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SNTL
8	-6.000	0.925	976.15	1452.9	500.8	82.7	0.921	0.996	1.000	0.008	0.996	0.003	0.008	0.47	0.15
9	-5.500	0.923	973.76	1452.5	499.3	82.7	0.917	0.995	1.001	0.012	0.995	0.002	0.008	0.44	0.14
10	-5.000	0.923	973.66	1452.0	499.0	82.8	0.917	0.995	1.001	0.012	0.995	0.003	0.008	0.44	0.16
11	-4.500	0.925	975.70	1452.6	500.6	82.5	0.918	0.993	1.001	0.015	0.993	0.003	0.008	0.43	0.18
12	-4.000	0.924	974.15	1449.1	498.9	82.7	0.918	0.994	1.001	0.015	0.994	0.003	0.007	0.43	0.15
13	-3.500	0.925	975.69	1451.8	500.1	83.0	0.918	0.994	1.001	0.013	0.994	0.003	0.007	0.43	0.18
14	-3.000	0.923	974.22	1454.0	500.0	82.8	0.918	0.995	1.001	0.013	0.995	0.003	0.007	0.42	0.17
15	-2.500	0.925	975.62	1451.8	500.1	82.7	0.917	0.993	1.001	0.016	0.993	0.003	0.007	0.40	0.18
16	-2.000	0.924	974.50	1451.7	499.5	82.7	0.918	0.994	1.001	0.014	0.994	0.003	0.006	0.37	0.15
17	-1.500	0.923	973.78	1452.0	499.2	82.6	0.917	0.995	1.001	0.013	0.994	0.003	0.006	0.34	0.16
18	-1.000	0.926	976.43	1452.2	500.9	82.7	0.917	0.992	1.000	0.017	0.992	0.003	0.006	0.33	0.15
19	-0.500	0.925	975.95	1452.4	500.5	82.8	0.918	0.994	1.001	0.014	0.994	0.002	0.006	0.32	0.14
20	0.000	0.924	975.27	1453.8	500.5	82.9	0.917	0.994	1.000	0.013	0.993	0.002	0.005	0.29	0.14
22	0.500	0.928	976.02	1452.0	500.4	82.8	0.916	0.992	1.001	0.018	0.992	0.002	0.005	0.27	0.14
27	1.000	0.928	974.94	1452.5	502.2	82.9	0.921	0.993	1.001	0.015	0.993	0.003	0.004	0.23	0.15
28	1.500	0.924	975.22	1451.3	499.7	82.8	0.917	0.993	1.001	0.015	0.993	0.003	0.003	0.20	0.16
29	2.000	0.925	976.06	1453.1	500.9	82.7	0.920	0.995	1.001	0.012	0.995	0.003	0.003	0.18	0.15
30	2.500	0.923	974.61	1454.2	500.2	83.0	0.918	0.995	1.001	0.011	0.995	0.002	0.003	0.16	0.14
31	3.000	0.923	974.48	1452.9	499.7	83.1	0.918	0.995	1.001	0.012	0.995	0.003	0.002	0.11	0.15
32	3.500	0.922	973.82	1454.4	499.7	83.2	0.914	0.996	1.001	0.010	0.996	0.002	0.002	0.12	0.13
33	4.000	0.926	974.90	1453.6	501.3	83.3	0.920	0.994	1.000	0.012	0.994	0.003	0.002	0.10	0.16
34	4.500	0.925	975.85	1454.0	500.8	83.1	0.919	0.995	1.001	0.012	0.995	0.003	0.001	0.07	0.15
35	5.000	0.926	974.95	1453.6	500.2	83.2	0.919	0.996	1.001	0.010	0.996	0.002	0.001	0.04	0.13
36	5.500	0.922	974.09	1454.2	499.7	83.4	0.918	0.996	1.001	0.010	0.996	0.002	0.001	0.05	0.13
37	6.000	0.922	973.17	1453.6	499.1	83.2	0.917	0.996	1.001	0.010	0.996	0.002	0.001	0.04	0.13
38	6.500	0.921	972.46	1453.2	498.7	83.0	0.917	0.996	1.001	0.009	0.996	0.002	0.000	0.02	0.14
39	7.000	0.921	972.76	1453.9	499.0	83.1	0.916	0.995	1.001	0.011	0.995	0.002	0.000	0.01	0.14
40	7.500	0.924	975.32	1453.4	500.7	83.3	0.917	0.993	1.002	0.016	0.993	0.002	-0.000	-0.02	0.14
41	8.000	0.925	976.07	1453.2	500.6	83.3	0.918	0.993	1.001	0.015	0.993	0.002	-0.000	-0.03	0.13
42	8.500	0.924	975.56	1454.0	500.7	83.1	0.917	0.993	1.001	0.015	0.993	0.002	-0.000	-0.00	0.12
43	9.000	0.928	976.86	1452.4	502.2	83.1	0.918	0.991	1.001	0.020	0.991	0.002	-0.001	-0.03	0.11
44	9.500	0.925	976.09	1453.5	501.0	82.8	0.917	0.992	1.001	0.017	0.992	0.002	-0.001	-0.05	0.12
45	10.000	0.926	976.92	1453.3	501.2	83.2	0.915	0.990	1.000	0.020	0.990	0.002	-0.001	-0.08	0.12
46	10.500	0.925	976.43	1454.0	501.1	83.3	0.915	0.991	1.001	0.020	0.991	0.002	-0.001	-0.08	0.10
47	11.000	0.925	976.34	1454.0	501.1	83.2	0.914	0.990	1.001	0.022	0.990	0.002	-0.002	-0.10	0.11
48	11.500	0.926	977.22	1452.8	501.2	83.2	0.913	0.988	1.000	0.025	0.988	0.002	-0.002	-0.11	0.12
49	12.000	0.925	976.45	1454.9	501.4	83.3	0.914	0.990	1.000	0.021	0.990	0.002	-0.003	-0.15	0.12
50	12.500	0.924	975.23	1454.6	500.7	83.0	0.912	0.989	1.001	0.024	0.989	0.002	-0.003	-0.16	0.10
51	13.000	0.929	979.60	1452.5	502.5	83.2	0.915	0.987	1.001	0.027	0.987	0.002	-0.003	-0.18	0.11
52	13.500	0.928	979.22	1454.1	502.7	83.3	0.915	0.989	1.001	0.025	0.988	0.002	-0.003	-0.15	0.11
53	14.000	0.926	976.79	1453.4	501.2	83.1	0.914	0.989	1.001	0.023	0.989	0.002	-0.003	-0.18	0.11
54	14.500	0.928	979.03	1453.6	502.4	83.1	0.916	0.989	1.001	0.024	0.989	0.002	-0.003	-0.19	0.11
55	15.000	0.925	976.60	1453.8	501.1	83.3	0.916	0.991	1.001	0.019	0.991	0.002	-0.003	-0.19	0.09
56	15.500	0.928	979.55	1453.5	502.7	83.4	0.917	0.989	1.001	0.024	0.989	0.002	-0.003	-0.19	0.09

DATE 2- 8-77 AEDC PROPULSION WIND TUNNEL TRANSONIC 4T

TEST	PART	PFX19-6	ALPA	WING	YT	ZT	RUN SURVEY
TC-484	1217	3.001	5.00	44	0.00	-14.14	7-501

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
57	16.000	0.925	976.27	1454.2	501.2	82.9	0.916	0.991	1.001	0.019	0.991	0.002	-0.003	-0.18	0.10
58	16.500	0.925	975.93	1454.7	501.9	83.3	0.915	0.991	1.001	0.019	0.991	0.001	-0.003	-0.19	0.08
59	17.000	0.924	975.83	1454.6	500.7	83.3	0.916	0.992	1.001	0.019	0.992	0.002	-0.003	-0.18	0.09
60	17.500	0.927	977.75	1456.0	502.5	83.3	0.917	0.991	1.000	0.019	0.991	0.001	-0.003	-0.19	0.07
61	18.000	0.927	979.21	1453.4	501.9	83.3	0.916	0.990	1.001	0.021	0.990	0.001	-0.003	-0.18	0.08
62	18.500	0.927	978.47	1453.3	502.6	83.3	0.917	0.990	1.001	0.022	0.990	0.002	-0.003	-0.17	0.09
63	19.000	0.927	977.97	1455.9	502.5	83.5	0.917	0.991	1.000	0.018	0.991	0.001	-0.003	-0.17	0.07
64	19.500	0.928	978.04	1456.9	503.5	83.4	0.917	0.990	1.000	0.021	0.990	0.001	-0.003	-0.18	0.08
65	20.000	0.927	976.27	1455.2	502.9	83.3	0.916	0.990	1.000	0.021	0.990	0.001	-0.003	-0.16	0.08
67	20.500	0.929	979.49	1453.4	502.7	83.5	0.918	0.990	1.001	0.021	0.990	0.001	-0.003	-0.17	0.06
69	21.000	0.928	979.75	1457.0	503.4	83.9	0.918	0.991	1.000	0.019	0.991	0.002	-0.003	-0.15	0.10
70	21.500	0.925	976.02	1455.7	501.7	83.3	0.916	0.992	1.001	0.019	0.992	0.001	-0.003	-0.17	0.08
71	22.000	0.926	976.74	1453.6	502.3	83.3	0.917	0.990	1.001	0.020	0.990	0.002	-0.003	-0.17	0.09
72	22.500	0.927	977.99	1456.6	502.9	83.4	0.919	0.993	1.000	0.015	0.993	0.002	-0.002	-0.14	0.10
73	23.000	0.925	974.12	1454.8	501.1	83.4	0.917	0.992	1.001	0.017	0.992	0.002	-0.002	-0.13	0.10
74	23.500	0.926	977.13	1453.4	501.2	83.5	0.916	0.991	1.001	0.019	0.991	0.001	-0.002	-0.10	0.08
75	24.000	0.928	979.32	1455.5	503.2	83.4	0.919	0.992	1.000	0.018	0.992	0.001	-0.002	-0.10	0.07

TEST	PART	RE X10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1218	2.997	5.00	68	10.00	-10.50	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
2	-6.000	0.923	974.55	1456.3	500.5	83.8	0.922	1.000	1.002	0.004	1.000	0.003	0.008	0.47	0.16
3	-5.500	0.924	977.39	1456.3	502.2	83.8	0.919	0.994	1.001	0.014	0.994	0.003	0.002	0.09	0.18
4	-5.000	0.924	977.40	1454.8	501.5	84.0	0.919	0.994	1.001	0.014	0.994	0.003	0.001	0.07	0.17
5	-4.500	0.925	977.25	1456.6	502.1	84.0	0.919	0.994	1.001	0.014	0.994	0.003	0.001	0.07	0.16
6	-4.000	0.925	976.34	1457.0	501.9	83.6	0.917	0.993	1.001	0.015	0.993	0.003	0.001	0.07	0.18
7	-3.500	0.926	975.64	1453.9	500.4	83.7	0.917	0.993	1.001	0.014	0.993	0.003	0.001	0.05	0.17
8	-3.000	0.927	978.43	1456.9	503.1	83.6	0.918	0.992	1.001	0.017	0.992	0.003	0.001	0.06	0.19
9	-2.500	0.926	977.47	1455.2	502.0	83.5	0.918	0.992	1.001	0.018	0.992	0.004	0.001	0.03	0.20
10	-2.000	0.925	976.93	1455.1	501.6	83.5	0.918	0.993	1.001	0.016	0.993	0.004	-0.000	-0.00	0.21
11	-1.500	0.924	976.14	1455.3	501.1	83.7	0.918	0.994	1.001	0.015	0.994	0.004	-0.000	-0.02	0.20
12	-1.000	0.924	975.50	1456.9	501.4	83.6	0.917	0.994	1.001	0.014	0.994	0.004	-0.000	-0.02	0.21
13	-0.500	0.926	977.41	1453.4	501.6	83.6	0.919	0.993	1.002	0.017	0.993	0.004	-0.001	-0.05	0.22
14	0.000	0.925	976.66	1456.4	501.7	83.9	0.918	0.993	1.001	0.015	0.993	0.004	-0.001	-0.08	0.23
15	0.500	0.924	975.72	1456.8	501.3	83.8	0.917	0.994	1.001	0.015	0.994	0.005	-0.001	-0.08	0.26
16	1.000	0.923	974.57	1456.0	500.4	83.8	0.916	0.994	1.001	0.014	0.994	0.004	-0.002	-0.11	0.24
17	1.500	0.922	974.33	1457.0	500.4	84.2	0.916	0.995	1.000	0.011	0.995	0.004	-0.002	-0.12	0.25
18	2.000	0.922	974.13	1457.8	500.7	83.9	0.917	0.995	1.002	0.012	0.995	0.005	-0.002	-0.14	0.28
19	2.500	0.924	976.64	1455.8	501.3	83.6	0.918	0.994	1.002	0.015	0.994	0.005	-0.003	-0.16	0.29
20	3.000	0.925	976.81	1456.0	501.6	84.0	0.919	0.994	1.001	0.013	0.994	0.005	-0.003	-0.17	0.29
21	3.500	0.923	975.57	1457.1	501.2	84.1	0.918	0.995	1.001	0.013	0.995	0.005	-0.003	-0.19	0.28
22	4.000	0.926	977.94	1456.1	502.3	84.0	0.919	0.994	1.001	0.014	0.994	0.005	-0.004	-0.20	0.29
23	4.500	0.926	977.35	1458.0	502.9	83.7	0.920	0.995	1.001	0.012	0.995	0.005	-0.004	-0.21	0.30
24	5.000	0.925	976.63	1456.2	501.6	84.0	0.919	0.995	1.001	0.011	0.995	0.006	-0.004	-0.21	0.32
25	5.500	0.924	975.63	1455.1	500.7	83.8	0.918	0.995	1.001	0.013	0.995	0.005	-0.004	-0.22	0.29
26	6.000	0.924	974.14	1456.9	501.5	84.1	0.919	0.996	1.001	0.010	0.996	0.005	-0.003	-0.20	0.30
27	6.500	0.923	975.36	1458.8	501.7	84.1	0.918	0.995	1.001	0.011	0.995	0.005	-0.004	-0.21	0.29
28	7.000	0.923	974.76	1455.5	500.2	84.0	0.917	0.995	1.001	0.012	0.995	0.005	-0.004	-0.24	0.30
29	7.500	0.926	978.11	1457.4	503.0	83.8	0.921	0.995	1.001	0.012	0.995	0.005	-0.004	-0.24	0.31
30	8.000	0.926	977.84	1456.9	502.7	83.6	0.919	0.993	1.001	0.015	0.993	0.006	-0.004	-0.24	0.33
31	8.500	0.927	978.14	1455.8	502.5	83.8	0.918	0.993	1.001	0.016	0.993	0.006	-0.004	-0.24	0.33
32	9.000	0.926	977.88	1456.5	502.4	84.0	0.919	0.993	1.001	0.015	0.993	0.006	-0.004	-0.24	0.33
33	9.500	0.924	975.82	1457.5	501.6	83.8	0.917	0.993	1.001	0.015	0.993	0.006	-0.004	-0.24	0.34
34	10.000	0.924	975.70	1455.6	500.8	84.0	0.915	0.992	1.001	0.018	0.992	0.007	-0.005	-0.26	0.38
35	10.500	0.925	976.69	1458.2	502.2	84.1	0.916	0.992	1.001	0.018	0.992	0.006	-0.005	-0.27	0.37
36	11.000	0.924	974.37	1459.0	502.4	84.0	0.915	0.991	1.001	0.019	0.991	0.007	-0.005	-0.28	0.39
37	11.500	0.924	976.41	1455.3	501.1	84.0	0.914	0.990	1.001	0.021	0.990	0.007	-0.005	-0.28	0.39
38	12.000	0.926	977.45	1456.6	502.4	83.9	0.915	0.990	1.001	0.021	0.990	0.008	-0.005	-0.27	0.44
39	12.500	0.926	978.11	1456.9	502.7	84.0	0.916	0.991	1.002	0.021	0.991	0.008	-0.005	-0.29	0.43
40	13.000	0.928	980.26	1457.8	504.1	84.2	0.917	0.989	1.001	0.023	0.989	0.008	-0.005	-0.30	0.47
41	13.500	0.928	980.15	1456.9	503.8	84.2	0.918	0.991	1.001	0.020	0.991	0.009	-0.006	-0.33	0.52
42	14.000	0.926	978.07	1457.2	502.7	84.1	0.916	0.991	1.001	0.020	0.991	0.009	-0.005	-0.32	0.52
43	14.500	0.925	975.97	1458.3	502.2	84.3	0.916	0.992	1.000	0.016	0.992	0.009	-0.006	-0.32	0.52
44	15.000	0.927	978.82	1457.5	503.1	84.3	0.918	0.992	1.001	0.018	0.992	0.010	-0.005	-0.31	0.56
45	15.500	0.928	979.41	1457.5	503.5	84.2	0.920	0.993	1.001	0.015	0.993	0.010	-0.005	-0.29	0.56

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1218	2.997	5.00	68	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
46	16.000	0.925	976.44	1457.6	502.2	84.0	0.918	0.994	1.001	0.014	0.994	0.010	-0.004	-0.25	0.58
47	16.500	0.925	977.20	1456.4	501.9	84.4	0.919	0.995	1.001	0.013	0.995	0.010	-0.004	-0.25	0.58
48	17.000	0.928	979.76	1459.7	504.4	84.4	0.920	0.993	1.000	0.015	0.993	0.010	-0.004	-0.24	0.60
49	17.500	0.926	978.30	1458.8	503.4	84.1	0.919	0.993	1.001	0.015	0.993	0.011	-0.004	-0.22	0.62
50	18.000	0.927	978.44	1456.5	502.7	84.1	0.920	0.994	1.001	0.013	0.994	0.010	-0.004	-0.21	0.61
52	18.500	0.927	978.79	1459.7	503.8	84.4	0.921	0.995	1.001	0.011	0.995	0.011	-0.003	-0.20	0.64
53	19.000	0.928	979.87	1457.8	503.9	84.7	0.919	0.991	1.000	0.018	0.991	0.011	-0.003	-0.20	0.64
54	19.500	0.927	978.73	1456.8	503.0	84.1	0.919	0.993	1.001	0.016	0.993	0.011	-0.003	-0.19	0.64
55	20.000	0.928	979.61	1457.0	503.4	84.3	0.920	0.993	1.001	0.017	0.992	0.011	-0.003	-0.18	0.65
84	19.500	0.930	981.54	1459.4	505.3	84.5	0.921	0.992	1.001	0.017	0.992	0.011	-0.003	-0.20	0.66
85	20.000	0.926	978.47	1458.3	503.1	84.5	0.919	0.994	1.001	0.015	0.993	0.011	-0.003	-0.18	0.65
86	20.500	0.928	980.35	1458.0	504.1	84.6	0.920	0.992	1.001	0.017	0.992	0.012	-0.003	-0.18	0.67
87	21.000	0.928	980.17	1459.6	504.5	84.7	0.920	0.993	1.000	0.015	0.993	0.011	-0.003	-0.20	0.66
88	21.500	0.927	979.50	1458.8	503.6	85.0	0.919	0.993	1.001	0.016	0.993	0.012	-0.003	-0.18	0.68
89	22.000	0.925	976.85	1457.1	502.1	83.9	0.918	0.994	1.001	0.015	0.994	0.012	-0.003	-0.20	0.71
90	22.500	0.925	977.86	1455.7	501.8	84.6	0.918	0.993	1.002	0.017	0.993	0.012	-0.003	-0.16	0.70
91	23.000	0.928	980.31	1458.0	503.8	85.0	0.920	0.993	1.001	0.015	0.993	0.012	-0.003	-0.19	0.71
92	23.500	0.926	977.43	1460.8	503.4	84.6	0.918	0.994	1.001	0.015	0.993	0.012	-0.003	-0.18	0.71
93	24.000	0.925	977.52	1456.7	502.7	84.5	0.919	0.994	1.001	0.014	0.994	0.012	-0.003	-0.15	0.69

TEST	PART	REX10-6	ALFA	STNG	YT	ZT	RAW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TF-4P4	1219	2.999	5.00	68	14.14	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BATL
2	-6.000	0.927	974.44	1460.7	501.5	84.7	0.920	0.998	1.002	0.007	0.998	0.003	0.002	0.09	0.18
3	-5.500	0.925	977.71	1459.9	502.7	84.8	0.916	0.992	1.001	0.018	0.992	0.004	0.004	0.26	0.21
4	-5.000	0.925	977.39	1459.7	502.9	84.7	0.918	0.994	1.001	0.015	0.994	0.004	0.005	0.26	0.23
5	-4.500	0.926	978.07	1459.0	503.0	84.7	0.917	0.992	1.001	0.018	0.992	0.004	0.004	0.25	0.22
6	-4.000	0.926	978.42	1459.1	503.4	84.7	0.917	0.992	1.000	0.017	0.992	0.004	0.005	0.26	0.22
7	-3.500	0.925	977.87	1459.2	502.9	84.9	0.917	0.993	1.002	0.017	0.993	0.004	0.004	0.24	0.24
8	-3.000	0.926	978.13	1460.3	503.5	84.7	0.916	0.991	1.001	0.019	0.991	0.004	0.004	0.24	0.24
9	-2.500	0.925	978.01	1458.2	502.7	84.7	0.917	0.992	1.001	0.018	0.992	0.004	0.004	0.24	0.28
10	-2.000	0.926	978.34	1461.2	503.9	84.8	0.917	0.992	1.000	0.016	0.992	0.005	0.004	0.24	0.28
11	-1.500	0.925	977.32	1459.4	502.7	84.7	0.916	0.992	1.002	0.018	0.992	0.005	0.004	0.23	0.27
12	-1.000	0.925	977.68	1459.0	502.8	84.7	0.916	0.991	1.001	0.019	0.991	0.005	0.004	0.22	0.31
13	-0.500	0.925	977.45	1459.5	502.8	84.7	0.917	0.992	1.001	0.017	0.992	0.005	0.004	0.25	0.31
14	0.000	0.924	976.43	1459.9	502.4	84.7	0.916	0.993	1.002	0.017	0.993	0.006	0.003	0.20	0.36
15	0.500	0.924	976.43	1457.8	501.8	84.4	0.915	0.991	1.001	0.020	0.991	0.006	0.003	0.20	0.33
16	1.000	0.924	975.72	1457.2	501.3	84.1	0.915	0.992	1.001	0.017	0.992	0.007	0.004	0.21	0.38
17	1.500	0.923	975.49	1457.8	501.4	84.1	0.915	0.993	1.001	0.016	0.993	0.007	0.004	0.22	0.42
18	2.000	0.923	975.34	1457.8	501.0	84.6	0.916	0.993	1.002	0.016	0.993	0.007	0.004	0.21	0.39
19	2.500	0.923	976.41	1460.6	502.4	85.1	0.916	0.993	1.001	0.015	0.993	0.007	0.004	0.20	0.43
20	3.000	0.927	978.38	1461.5	504.5	84.9	0.918	0.992	1.000	0.017	0.992	0.008	0.004	0.21	0.44
21	3.500	0.926	977.92	1459.4	503.2	84.5	0.918	0.993	1.002	0.016	0.993	0.008	0.003	0.18	0.46
22	4.000	0.925	978.15	1457.3	502.3	85.0	0.918	0.994	1.001	0.015	0.994	0.008	0.004	0.20	0.46
23	4.500	0.926	978.52	1461.7	504.2	84.8	0.920	0.994	1.001	0.013	0.994	0.008	0.004	0.20	0.44
24	5.000	0.926	976.52	1459.6	503.4	84.8	0.918	0.993	1.001	0.015	0.993	0.008	0.004	0.20	0.48
25	5.500	0.926	978.05	1459.3	503.2	84.6	0.920	0.995	1.001	0.012	0.995	0.007	0.003	0.19	0.42
26	6.000	0.926	978.24	1458.3	502.9	84.7	0.920	0.995	1.001	0.012	0.995	0.007	0.004	0.21	0.43
27	6.500	0.926	978.53	1460.3	503.8	84.5	0.921	0.995	1.001	0.011	0.995	0.007	0.004	0.21	0.42
28	7.000	0.926	978.74	1459.7	503.7	84.7	0.920	0.994	1.001	0.013	0.994	0.007	0.004	0.23	0.42
29	7.500	0.927	979.52	1458.3	503.5	84.9	0.921	0.995	1.001	0.013	0.994	0.007	0.004	0.23	0.42
30	8.000	0.928	980.19	1460.0	504.5	84.8	0.922	0.994	1.001	0.013	0.994	0.007	0.004	0.25	0.43
31	8.500	0.924	976.61	1459.9	502.4	84.9	0.918	0.995	1.001	0.012	0.995	0.007	0.004	0.25	0.41
32	9.000	0.925	977.39	1459.7	502.9	84.7	0.919	0.995	1.001	0.012	0.995	0.007	0.004	0.25	0.43
33	9.500	0.926	978.35	1460.4	503.5	85.0	0.919	0.994	1.001	0.014	0.994	0.008	0.004	0.25	0.46
34	10.000	0.927	979.07	1459.6	504.1	84.8	0.920	0.994	1.001	0.015	0.993	0.008	0.005	0.28	0.43
35	10.500	0.927	979.74	1458.9	503.7	85.1	0.919	0.993	1.001	0.016	0.993	0.008	0.005	0.29	0.48
36	11.000	0.923	976.41	1450.6	502.4	85.1	0.918	0.995	1.001	0.012	0.995	0.008	0.006	0.32	0.45
37	11.500	0.923	976.41	1460.1	502.1	85.2	0.917	0.994	1.002	0.014	0.994	0.008	0.006	0.33	0.48
38	12.000	0.925	977.60	1460.1	503.0	85.0	0.919	0.994	1.001	0.012	0.994	0.009	0.006	0.35	0.52
39	12.500	0.926	978.85	1460.1	503.6	85.2	0.920	0.995	1.001	0.013	0.995	0.009	0.007	0.38	0.54
40	13.000	0.925	977.41	1460.8	503.1	85.0	0.921	0.997	1.001	0.008	0.997	0.010	0.007	0.40	0.56
41	13.500	0.924	976.67	1460.2	502.6	85.0	0.920	0.997	1.001	0.009	0.997	0.009	0.008	0.45	0.53
42	14.000	0.926	978.78	1458.9	503.3	84.9	0.924	0.998	1.001	0.007	0.998	0.010	0.008	0.49	0.56
43	14.500	0.927	979.78	1460.0	504.3	85.0	0.925	0.998	1.001	0.005	0.998	0.010	0.009	0.52	0.57
44	15.000	0.926	978.43	1461.9	504.5	84.8	0.927	1.000	1.000	-0.001	1.000	0.010	0.010	0.57	0.58
45	15.500	0.925	978.05	1458.8	502.9	84.8	0.927	1.001	1.001	-0.001	1.001	0.009	0.011	0.63	0.50

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1219	2.999	5.00	60	14.14	0.00	7-503	2- 8-77	

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
46	16.000	0.923	975.97	1457.4	501.1	84.9	0.930	1.006	1.002	-0.009	1.006	0.008	0.012	0.69	0.46
47	16.500	0.928	976.53	1458.6	502.3	84.0	0.930	1.005	1.001	-0.008	1.005	0.006	0.013	0.77	0.34
48	17.000	0.926	977.77	1455.6	502.1	83.8	0.934	1.007	1.002	-0.011	1.007	0.004	0.015	0.85	0.23
49	17.500	0.925	977.02	1456.0	501.7	84.0	0.934	1.008	1.001	-0.014	1.008	0.002	0.016	0.93	0.09
50	18.000	0.928	980.02	1458.6	504.1	84.5	0.932	1.004	1.000	-0.008	1.004	-0.000	0.018	1.01	-0.00
51	18.500	0.926	978.76	1461.4	504.2	84.8	0.929	1.002	1.001	-0.003	1.002	-0.001	0.019	1.06	-0.04
52	19.000	0.928	979.84	1460.2	504.5	84.7	0.926	0.998	1.001	0.005	0.998	-0.001	0.019	1.08	-0.04
53	19.500	0.925	977.77	1458.1	502.5	84.7	0.923	0.998	1.001	0.005	0.998	-0.000	0.019	1.10	-0.01
54	20.000	0.925	977.51	1459.4	502.7	85.0	0.922	0.998	1.001	0.006	0.997	0.000	0.019	1.11	0.00
55	20.500	0.926	978.26	1461.2	503.9	84.7	0.920	0.995	1.001	0.011	0.995	0.001	0.019	1.10	0.04
56	21.000	0.925	977.64	1461.0	503.3	84.9	0.921	0.996	1.001	0.009	0.996	0.001	0.020	1.13	0.06
57	21.500	0.927	980.10	1450.2	504.4	85.1	0.920	0.994	1.000	0.014	0.993	0.001	0.020	1.13	0.07
58	22.000	0.926	978.59	1461.6	504.2	84.8	0.921	0.995	1.001	0.011	0.995	0.002	0.020	1.13	0.09
59	22.500	0.926	979.97	1458.2	503.8	84.8	0.921	0.994	1.002	0.015	0.994	0.001	0.020	1.14	0.08
60	23.000	0.929	981.06	1457.9	504.3	84.9	0.923	0.995	1.001	0.013	0.994	0.002	6.020	1.13	0.09
61	23.500	0.927	980.03	1461.1	504.7	85.0	0.922	0.995	1.001	0.011	0.995	0.002	0.020	1.14	0.11
62	24.000	0.925	978.07	1460.7	503.5	84.8	0.921	0.996	1.001	0.011	0.995	0.002	0.020	1.14	0.11

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1720	3.001	5.00	6B	-10.00	-10.00	7-504	2- 8-77	

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
2	-6.000	0.924	975.96	1459.7	502.2	84.4	0.916	0.993	1.001	0.015	0.993	0.003	0.004	0.23	0.18
3	-4.000	0.922	974.64	1456.4	500.1	84.7	0.916	0.995	1.001	0.012	0.995	0.001	0.006	0.33	0.06
4	-2.000	0.924	977.16	1460.5	502.9	84.9	0.918	0.994	1.000	0.012	0.994	0.000	0.005	0.28	0.02
6	0.000	0.928	980.41	1461.1	504.9	85.2	0.919	0.992	1.001	0.019	0.992	-0.001	0.004	0.22	-0.05
7	2.000	0.924	977.07	1460.4	502.6	85.3	0.918	0.994	1.001	0.013	0.994	-0.002	0.002	0.14	-0.10
9	4.000	0.925	978.14	1460.7	503.4	85.1	0.918	0.994	1.001	0.014	0.994	-0.002	0.001	0.08	-0.14
10	6.000	0.923	975.96	1461.8	502.6	85.0	0.919	0.996	1.001	0.009	0.996	-0.002	0.001	0.06	-0.13
11	8.000	0.927	980.10	1461.9	505.0	85.0	0.920	0.993	1.000	0.015	0.993	-0.003	0.001	0.03	-0.18
12	10.000	0.926	978.05	1458.6	502.9	84.7	0.917	0.992	1.001	0.019	0.992	-0.003	0.000	0.03	-0.26
13	12.000	0.928	980.13	1459.5	504.4	84.7	0.917	0.990	1.001	0.021	0.990	-0.005	-0.001	-0.03	-0.27
14	14.000	0.927	979.54	1459.5	504.0	84.7	0.920	0.993	1.001	0.015	0.993	-0.007	-0.001	-0.06	-0.38
16	16.000	0.926	978.88	1462.3	504.6	84.8	0.921	0.995	1.000	0.009	0.995	-0.007	-0.000	-0.03	-0.42
19	18.000	0.927	979.09	1459.4	503.7	84.8	0.922	0.996	1.001	0.010	0.996	-0.009	0.001	0.04	-0.50
22	20.000	0.929	981.43	1460.8	505.4	85.0	0.921	0.993	1.000	0.014	0.993	-0.009	0.001	0.08	-0.54
24	22.000	0.925	978.04	1461.0	503.6	84.8	0.920	0.995	1.001	0.013	0.995	-0.010	0.001	0.09	-0.57
28	24.000	0.928	980.75	1460.5	504.8	85.2	0.922	0.994	1.001	0.013	0.994	-0.010	0.002	0.12	-0.58

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1179	2.999	-2.01	68	0.00	-5.00	6	301	2- 8-77	TRANSONIC 4T

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
6	9.000	0.922	969.08	1437.7	493.8	78.2	0.923	1.001	1.001	0.000	1.001	0.000	-0.032	-1.81	0.01
7	9.666	0.922	969.36	1436.0	493.3	78.4	0.921	0.999	1.002	0.006	0.998	-0.001	-0.033	-1.88	-0.03
8	10.333	0.928	974.65	1438.5	497.3	78.4	0.923	0.995	1.001	0.011	0.994	-0.000	-0.034	-1.96	-0.03
9	11.000	0.923	969.80	1438.3	494.4	78.4	0.922	0.999	1.001	0.003	0.999	-0.001	-0.036	-2.04	-0.03
10	11.666	0.925	972.05	1436.4	494.9	78.6	0.926	1.001	1.001	0.000	1.000	-0.000	-0.036	-2.07	-0.03
11	12.333	0.927	974.15	1439.2	497.2	78.5	0.933	1.005	1.001	-0.009	1.005	-0.001	-0.035	-2.02	-0.03
12	13.000	0.927	973.92	1436.1	496.7	78.4	0.938	1.010	1.001	-0.018	1.009	-0.000	-0.033	-1.90	-0.02
13	13.666	0.924	970.95	1437.2	494.7	78.3	0.943	1.017	1.000	-0.033	1.017	0.000	-0.029	-1.66	0.00
14	14.333	0.926	977.44	1436.2	495.3	78.4	0.966	1.036	1.002	-0.070	1.036	-0.000	-0.024	-1.35	-0.01
15	15.000	0.927	973.95	1437.1	496.4	78.3	0.980	1.048	1.001	-0.095	1.048	0.000	-0.018	-1.00	0.00
16	15.666	0.926	973.16	1437.3	495.9	78.5	0.993	1.060	1.001	-0.120	1.060	0.000	-0.010	-0.54	0.02
17	16.333	0.925	971.63	1437.9	495.4	78.5	0.994	1.063	1.001	-0.124	1.063	0.001	0.001	0.03	0.03
18	17.000	0.929	975.95	1438.9	498.1	78.5	0.942	1.012	1.001	-0.023	1.012	0.001	0.004	0.21	0.06
19	17.666	0.927	973.75	1437.8	496.5	78.4	0.928	1.001	1.001	-0.001	1.001	0.001	0.002	0.14	0.05
20	18.333	0.922	969.30	1439.5	494.4	78.5	0.920	0.998	1.000	0.004	0.998	0.001	-0.000	-0.02	0.07
21	19.000	0.929	975.71	1436.4	497.1	78.5	0.917	0.989	1.001	0.024	0.989	0.000	-0.002	-0.14	0.02

TEST	PART	PEX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1183	2.998	-2.01	68	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	9.000	0.925	972.17	1437.3	495.3	78.6	0.927	1.002	1.001	-0.001	1.001	0.004	-0.046	-2.65	0.25
6	9.333	0.926	972.98	1438.4	496.0	78.8	0.923	0.997	1.001	0.007	0.997	0.002	-0.029	-1.64	0.14
7	9.666	0.926	973.23	1439.5	496.7	78.6	0.919	0.994	1.001	0.015	0.993	0.002	-0.029	-1.70	0.14
8	10.000	0.926	973.08	1437.2	495.7	78.8	0.917	0.991	1.001	0.019	0.991	0.002	-0.031	-1.76	0.14
9	10.333	0.926	973.27	1438.9	496.4	78.7	0.916	0.991	1.001	0.020	0.990	0.002	-0.032	-1.87	0.14
10	10.666	0.926	973.09	1438.4	496.2	78.7	0.917	0.991	1.001	0.019	0.991	0.003	-0.034	-1.94	0.15
11	11.000	0.927	973.61	1437.4	496.2	78.6	0.919	0.993	1.001	0.016	0.992	0.002	-0.035	-2.02	0.11
12	11.333	0.928	974.52	1438.1	497.0	78.4	0.922	0.994	1.001	0.012	0.994	0.003	-0.035	-2.04	0.13
13	11.666	0.929	975.15	1436.0	497.4	78.4	0.927	0.999	1.001	0.004	0.998	0.002	-0.035	-2.02	0.14
14	12.000	0.928	974.72	1438.3	497.2	78.5	0.932	1.003	1.001	-0.005	1.003	0.002	-0.034	-1.97	0.13
15	12.333	0.922	969.24	1437.7	493.7	78.5	0.934	1.011	1.001	-0.020	1.011	0.002	-0.033	-1.86	0.14
16	12.666	0.924	970.86	1437.9	494.9	78.3	0.938	1.013	1.001	-0.024	1.012	0.002	-0.031	-1.78	0.14
17	13.000	0.925	971.31	1436.6	494.8	78.2	0.942	1.016	1.002	-0.030	1.016	0.003	-0.029	-1.64	0.16
18	13.333	0.926	972.21	1436.6	495.4	78.0	0.961	1.032	1.001	-0.064	1.032	0.003	-0.027	-1.48	0.16
19	13.666	0.927	973.04	1435.5	495.5	78.0	0.971	1.040	1.002	-0.078	1.040	0.003	-0.024	-1.33	0.14
20	14.000	0.927	972.73	1436.0	496.0	78.2	0.980	1.048	1.001	-0.094	1.048	0.003	-0.021	-1.14	0.16
21	14.333	0.924	971.03	1436.3	494.5	78.2	0.989	1.059	1.002	-0.115	1.059	0.003	-0.017	-0.94	0.16
22	14.666	0.925	971.76	1435.7	494.6	78.4	0.992	1.061	1.001	-0.121	1.061	0.003	-0.013	-0.72	0.16
23	15.000	0.927	973.88	1437.5	495.5	78.4	1.004	1.069	1.001	-0.137	1.069	0.003	-0.009	-0.49	0.16
24	15.333	0.928	974.15	1436.6	496.3	78.4	1.010	1.074	1.002	-0.147	1.074	0.003	-0.005	-0.24	0.18
25	15.666	0.923	970.24	1436.3	494.0	78.2	1.013	1.081	1.001	-0.160	1.081	0.004	0.001	0.05	0.20
26	16.000	0.925	971.58	1436.1	494.6	78.5	1.015	1.082	1.001	-0.163	1.082	0.004	0.006	0.31	0.22
27	16.333	0.927	973.61	1437.9	496.4	78.4	1.013	1.078	1.001	-0.154	1.078	0.005	0.010	0.53	0.26
28	16.666	0.924	971.14	1437.7	495.0	78.3	0.975	1.046	1.001	-0.091	1.046	0.005	0.012	0.64	0.28
29	17.000	0.925	971.45	1436.5	494.8	78.2	0.938	1.012	1.001	-0.023	1.012	0.004	0.011	0.64	0.25
30	17.333	0.927	973.86	1437.3	496.4	78.4	0.931	1.004	1.001	-0.006	1.004	0.005	0.012	0.66	0.27
31	17.666	0.923	969.93	1436.3	493.7	78.4	0.923	1.000	1.001	0.002	1.000	0.004	0.010	0.59	0.24
32	18.000	0.924	970.97	1437.2	494.0	78.1	0.917	0.993	1.001	0.016	0.993	0.004	0.009	0.50	0.26
33	18.333	0.927	973.30	1436.8	496.0	78.1	0.913	0.987	1.001	0.026	0.987	0.004	0.007	0.40	0.25
34	18.666	0.923	970.24	1437.2	494.3	78.3	0.910	0.988	1.001	0.026	0.988	0.004	0.005	0.29	0.25
35	19.000	0.924	970.84	1437.0	494.6	78.2	0.907	0.984	1.001	0.033	0.984	0.004	0.003	0.20	0.23

TEST	PART	REY10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1184	2.994	-2.01	48	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	9.000	0.923	970.07	1435.5	493.6	78.3	0.926	1.002	1.001	-0.003	1.002	0.004	-0.021	-1.18	0.21
4	9.333	0.926	973.21	1438.4	495.4	78.4	0.923	0.997	1.001	0.007	0.997	0.003	-0.020	-1.15	0.19
5	9.666	0.925	972.17	1437.8	495.5	78.5	0.919	0.994	1.001	0.014	0.994	0.003	-0.020	-1.18	0.20
6	10.000	0.923	970.11	1438.0	494.4	78.5	0.913	0.991	1.001	0.019	0.991	0.004	-0.022	-1.26	0.21
7	10.333	0.922	969.19	1437.2	493.8	78.1	0.911	0.989	1.001	0.023	0.989	0.003	-0.023	-1.33	0.19
8	10.666	0.929	975.66	1436.3	497.1	78.4	0.914	0.986	1.001	0.029	0.986	0.003	-0.024	-1.38	0.19
9	11.000	0.928	974.35	1437.1	496.6	78.3	0.918	0.991	1.002	0.021	0.991	0.003	-0.024	-1.41	0.18
10	11.333	0.924	971.36	1437.1	494.9	78.4	0.923	0.999	1.002	0.005	0.999	0.003	-0.025	-1.41	0.16
11	11.666	0.922	969.13	1437.8	493.9	78.2	0.927	1.005	1.002	-0.006	1.004	0.003	-0.023	-1.34	0.19
12	12.000	0.925	971.16	1436.3	494.7	77.9	0.934	1.009	1.002	-0.016	1.009	0.003	-0.022	-1.26	0.18
13	12.333	0.926	972.27	1435.5	495.0	78.0	0.941	1.014	1.001	-0.077	1.014	0.004	-0.020	-1.14	0.20
14	12.666	0.927	973.30	1436.3	495.8	78.3	0.966	1.036	1.001	-0.069	1.035	0.004	-0.018	-1.00	0.21
15	13.000	0.927	973.13	1435.3	495.4	78.1	0.979	1.048	1.002	-0.092	1.048	0.004	-0.016	-0.88	0.20
16	13.333	0.928	974.78	1437.3	496.8	78.1	0.992	1.058	1.001	-0.114	1.057	0.004	-0.014	-0.76	0.22
17	13.666	0.923	970.41	1435.4	493.8	78.3	1.002	1.071	1.002	-0.140	1.071	0.004	-0.011	-0.61	0.19
18	14.000	0.923	969.74	1436.1	493.7	78.1	1.007	1.076	1.001	-0.151	1.076	0.003	-0.009	-0.48	0.16
19	14.333	0.924	971.19	1437.6	495.0	78.3	1.016	1.083	1.001	-0.165	1.083	0.004	-0.006	-0.32	0.19
20	14.666	0.925	972.26	1437.3	495.5	78.4	1.027	1.091	1.001	-0.181	1.091	0.004	-0.003	-0.16	0.19
21	15.000	0.927	973.79	1437.5	496.5	78.3	1.037	1.099	1.002	-0.196	1.099	0.004	0.001	0.03	0.20
22	15.333	0.929	975.19	1436.0	496.7	78.4	1.046	1.105	1.001	-0.208	1.105	0.004	0.004	0.20	0.22
23	15.666	0.925	972.43	1435.5	494.9	78.5	1.055	1.116	1.002	-0.230	1.116	0.005	0.007	0.37	0.25
24	16.000	0.926	973.13	1439.1	496.6	78.3	1.058	1.117	1.000	-0.234	1.117	0.005	0.010	0.54	0.27
25	16.333	0.927	974.00	1437.2	496.4	78.4	1.054	1.113	1.001	-0.226	1.113	0.005	0.012	0.61	0.27
26	16.666	0.924	971.36	1437.1	494.9	78.4	1.006	1.074	1.001	-0.147	1.074	0.006	0.014	0.75	0.33
27	17.000	0.926	973.00	1438.0	496.2	78.2	0.971	1.040	1.001	-0.079	1.040	0.006	0.015	0.82	0.32
28	17.333	0.928	974.50	1436.3	496.5	78.3	0.937	1.008	1.001	-0.015	1.008	0.006	0.015	0.84	0.31
29	17.666	0.924	970.98	1436.2	494.4	78.2	0.925	1.001	1.001	0.000	1.001	0.005	0.014	0.79	0.31
30	18.000	0.925	972.19	1435.4	494.8	78.3	0.917	0.992	1.001	0.017	0.992	0.005	0.012	0.72	0.28
31	18.333	0.928	974.54	1437.1	496.8	78.3	0.913	0.986	1.001	0.029	0.986	0.005	0.011	0.65	0.30
32	18.666	0.927	973.35	1437.1	496.0	78.4	0.910	0.985	1.001	0.032	0.985	0.005	0.010	0.58	0.29
33	19.000	0.925	972.00	1438.7	495.8	78.4	0.907	0.983	1.001	0.036	0.983	0.005	0.009	0.46	0.29

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1180	2.996	-2.01	6A	2.00	-5.00	6-302	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	10.333	0.923	970.36	1436.0	493.9	78.3	0.923	0.999	1.001	0.003	0.999	-0.000	-0.032	-1.85	-0.03
5	11.000	0.924	971.06	1438.1	495.0	78.4	0.923	0.999	1.001	0.005	0.998	-0.002	-0.043	-2.46	-0.09
6	11.666	0.926	972.54	1439.6	496.1	78.3	0.926	1.000	1.001	0.001	0.999	-0.002	-0.044	-2.51	-0.13
7	12.333	0.927	973.96	1436.1	496.0	78.4	0.932	1.005	1.001	-0.007	1.004	-0.003	-0.044	-2.48	-0.18
8	13.000	0.924	970.99	1436.5	495.1	78.5	0.937	1.012	1.001	-0.021	1.011	-0.004	-0.041	-2.34	-0.22
9	13.666	0.927	973.41	1436.7	495.9	78.5	0.942	1.014	1.001	-0.026	1.013	-0.005	-0.037	-2.10	-0.30
10	14.333	0.929	976.01	1437.8	497.8	78.5	0.968	1.035	1.001	-0.070	1.035	-0.006	-0.032	-1.78	-0.35
11	15.000	0.926	972.91	1438.4	496.2	78.4	0.978	1.048	1.001	-0.094	1.047	-0.007	-0.025	-1.38	-0.39
13	15.666	0.927	973.55	1437.1	496.1	78.4	0.986	1.063	1.001	-0.124	1.063	-0.007	-0.017	-0.90	-0.40
14	16.333	0.927	973.09	1437.0	496.4	78.3	0.989	1.064	1.001	-0.128	1.064	-0.007	-0.006	-0.32	-0.39
15	17.000	0.926	973.05	1436.4	495.6	78.4	0.943	1.016	1.001	-0.030	1.016	-0.006	-0.002	-0.09	-0.33
17	17.666	0.925	971.87	1439.0	495.8	78.5	0.928	1.003	1.001	-0.005	1.003	-0.006	-0.003	-0.19	-0.35
18	18.333	0.926	973.16	1436.6	495.7	78.4	0.919	0.994	1.001	0.015	0.994	-0.006	-0.006	-0.33	-0.35
19	19.000	0.925	972.30	1436.5	495.1	78.6	0.917	0.992	1.002	0.019	0.992	-0.006	-0.008	-0.47	-0.37

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1185	3.061	-2.01	68	2.00	-3.00	6-307	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	10.000	0.924	971.27	1437.4	495.0	78.2	0.923	0.999	1.000	0.002	0.999	0.003	-0.028	-1.63	0.17
3	10.333	0.924	970.71	1436.4	494.4	78.0	0.915	0.991	1.001	0.019	0.990	-0.002	-0.042	-2.42	-0.09
4	10.666	0.924	971.07	1436.0	494.5	78.1	0.915	0.992	1.002	0.020	0.991	-0.002	-0.044	-2.55	-0.12
5	11.000	0.924	971.83	1434.3	495.0	78.1	0.917	0.992	1.001	0.018	0.991	-0.002	-0.046	-2.65	-0.13
6	11.333	0.925	972.14	1434.0	495.0	78.3	0.921	0.996	1.002	0.011	0.994	-0.003	-0.048	-2.74	-0.20
7	11.666	0.926	972.72	1434.0	495.3	78.4	0.924	0.998	1.001	0.005	0.997	-0.005	-0.048	-2.78	-0.26
8	12.000	0.927	973.97	1438.7	496.9	78.4	0.929	1.002	1.001	-0.002	1.001	-0.006	-0.048	-2.73	-0.32
9	12.333	0.928	974.43	1437.6	496.8	78.4	0.934	1.006	1.001	-0.009	1.004	-0.007	-0.047	-2.67	-0.38
10	12.666	0.929	975.21	1435.5	496.6	78.3	0.939	1.008	1.001	-0.016	1.008	-0.008	-0.045	-2.54	-0.45
11	13.000	0.924	970.87	1437.4	494.7	78.3	0.943	1.017	1.001	-0.032	1.016	-0.009	-0.042	-2.36	-0.49
12	13.333	0.924	971.34	1437.8	495.1	78.5	0.959	1.032	1.001	-0.062	1.031	-0.009	-0.038	-2.12	-0.52
13	13.666	0.925	971.88	1438.0	495.5	78.4	0.966	1.038	1.001	-0.074	1.037	-0.010	-0.034	-1.90	-0.56
14	14.000	0.927	973.44	1436.2	495.8	78.3	0.976	1.045	1.001	-0.089	1.045	-0.010	-0.030	-1.65	-0.56
15	14.333	0.928	974.63	1436.9	496.7	78.3	0.990	1.056	1.001	-0.110	1.055	-0.010	-0.025	-1.38	-0.55
16	14.666	0.924	970.83	1438.0	495.0	78.2	0.994	1.064	1.001	-0.126	1.064	-0.010	-0.021	-1.11	-0.55
17	15.000	0.926	972.53	1435.1	495.0	78.1	1.005	1.072	1.001	-0.141	1.071	-0.009	-0.015	-0.80	-0.50
18	15.333	0.927	973.90	1437.0	496.4	78.2	1.016	1.080	1.001	-0.158	1.080	-0.009	-0.008	-0.43	-0.47
19	15.666	0.923	970.38	1436.7	494.2	78.2	1.022	1.089	1.001	-0.178	1.089	-0.008	-0.001	-0.06	-0.44
20	16.000	0.924	971.01	1436.1	494.4	78.3	1.024	1.090	1.001	-0.180	1.090	-0.007	0.007	0.38	-0.36
21	16.333	0.926	972.47	1437.4	495.8	78.0	1.022	1.087	1.001	-0.172	1.087	-0.003	0.014	0.73	-0.16
22	16.666	0.928	974.69	1435.8	496.4	78.3	0.988	1.054	1.001	-0.106	1.054	0.000	0.017	0.91	0.00
23	17.000	0.924	970.91	1436.3	494.3	78.5	0.937	1.012	1.001	-0.022	1.012	-0.000	0.014	0.82	-0.03
24	17.333	0.926	972.71	1437.7	495.8	78.4	0.928	1.002	1.001	-0.002	1.002	-0.001	0.014	0.78	-0.06
25	17.666	0.928	974.35	1435.4	496.5	78.2	0.921	0.994	1.001	0.015	0.993	-0.001	0.012	0.71	-0.07
26	18.000	0.924	970.94	1436.7	494.5	78.3	0.915	0.992	1.001	0.018	0.992	-0.003	0.010	0.56	-0.16
27	18.333	0.925	972.10	1437.3	495.5	78.2	0.910	0.985	1.000	0.030	0.985	-0.003	0.007	0.38	-0.19
28	18.666	0.927	974.04	1437.1	496.4	78.4	0.908	0.982	1.003	0.037	0.982	-0.004	0.004	0.24	-0.24
31	19.000	0.930	975.85	1436.1	497.2	78.3	0.907	0.979	1.001	0.043	0.979	-0.005	0.002	0.13	-0.29

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1186	2.959	-2.01	60	2.00	-2.00	6-308		2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMT/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	10.000	0.924	972.75	1436.4	495.4	78.4	0.911	0.986	1.001	0.031	0.985	-0.003	-0.042	-2.42	-0.15
2	10.333	0.927	973.15	1437.4	496.1	78.2	0.909	0.983	1.001	0.035	0.982	-0.002	-0.045	-2.63	-0.12
3	10.666	0.922	968.60	1434.3	492.4	78.2	0.907	0.987	1.003	0.031	0.985	-0.003	-0.050	-2.92	-0.19
4	11.000	0.921	968.27	1436.3	492.9	78.2	0.908	0.988	1.002	0.027	0.987	-0.004	-0.055	-3.17	-0.25
5	11.333	0.922	969.00	1436.2	493.3	78.2	0.914	0.992	1.001	0.017	0.991	-0.007	-0.057	-3.30	-0.38
6	11.666	0.922	968.12	1436.6	493.4	78.3	0.921	0.999	1.001	0.003	0.998	-0.009	-0.058	-3.33	-0.53
7	12.000	0.922	969.53	1436.1	493.5	78.3	0.928	1.005	1.002	-0.007	1.003	-0.012	-0.056	-3.21	-0.68
8	12.333	0.924	970.48	1435.7	493.9	78.3	0.936	1.011	1.001	-0.020	1.010	-0.014	-0.053	-2.99	-0.78
9	12.666	0.925	971.19	1435.7	494.4	78.1	0.942	1.016	1.002	-0.029	1.015	-0.015	-0.048	-2.73	-0.83
10	13.000	0.925	971.76	1435.5	494.6	78.2	0.963	1.034	1.002	-0.065	1.033	-0.015	-0.043	-2.41	-0.84
11	13.333	0.927	973.22	1436.5	495.8	78.2	0.974	1.043	1.001	-0.084	1.042	-0.015	-0.038	-2.11	-0.83
12	13.666	0.922	968.88	1436.5	493.1	78.2	0.979	1.053	1.001	-0.104	1.052	-0.015	-0.033	-1.80	-0.81
13	14.000	0.924	970.56	1436.7	494.3	78.3	0.990	1.061	1.001	-0.120	1.060	-0.015	-0.027	-1.48	-0.79
14	14.333	0.925	971.79	1437.3	495.2	78.4	0.998	1.066	1.001	-0.131	1.066	-0.013	-0.022	-1.17	-0.72
15	14.666	0.926	973.13	1437.9	496.7	78.3	1.008	1.074	1.001	-0.147	1.074	-0.012	-0.015	-0.82	-0.63
16	15.000	0.927	974.05	1436.6	496.3	78.4	1.018	1.081	1.001	-0.161	1.081	-0.009	-0.007	-0.36	-0.49
17	15.333	0.923	970.32	1437.5	494.3	78.5	1.023	1.090	1.001	-0.180	1.090	-0.007	0.002	0.09	-0.34
18	15.666	0.924	971.06	1438.1	495.0	78.5	1.031	1.097	1.001	-0.193	1.097	-0.003	0.011	0.57	-0.18
19	16.000	0.926	972.85	1437.6	496.0	78.4	1.045	1.107	1.001	-0.213	1.107	-0.000	0.019	0.96	-0.03
20	16.333	0.925	971.80	1437.3	495.2	78.3	1.040	1.103	1.000	-0.206	1.103	0.004	0.024	1.22	0.22
21	16.666	0.924	971.21	1436.8	494.7	78.3	0.965	1.037	1.001	-0.074	1.037	0.007	0.025	1.37	0.38
22	17.000	0.926	973.04	1436.9	495.8	78.4	0.934	1.007	1.001	-0.014	1.007	0.006	0.025	1.40	0.34
23	17.333	0.929	975.32	1437.8	497.4	78.5	0.925	0.996	1.000	0.008	0.996	0.005	0.023	1.35	0.28
24	17.666	0.923	969.76	1436.3	493.8	78.1	0.915	0.992	1.001	0.018	0.992	0.003	0.021	1.20	0.15
25	18.000	0.926	972.37	1435.7	495.1	78.2	0.908	0.983	1.001	0.035	0.983	0.001	0.018	1.04	0.07
26	18.333	0.928	974.16	1436.1	496.1	78.4	0.902	0.976	1.001	0.048	0.976	-0.000	0.014	0.83	-0.01
27	18.666	0.923	970.37	1438.1	494.6	78.4	0.898	0.977	1.001	0.048	0.977	-0.001	0.010	0.58	-0.05
28	19.000	0.924	971.19	1435.9	494.4	78.3	0.897	0.975	1.001	0.052	0.975	-0.002	0.006	0.38	-0.14

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1187	3.001	-2.01	69	2.00	-1.00	6-309	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VPL/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
6	10.000	0.925	971.41	1437.3	495.1	78.2	0.901	0.979	1.001	0.046	0.977	-0.000	-0.049	-2.87	-0.02
7	10.333	0.925	971.50	1436.1	494.6	78.3	0.892	0.970	1.001	0.062	0.968	0.001	-0.058	-3.42	0.07
8	10.666	0.925	971.56	1436.2	494.7	78.3	0.886	0.964	1.002	0.076	0.961	0.001	-0.071	-4.24	0.08
9	11.000	0.926	972.29	1437.8	495.7	78.2	0.891	0.968	1.001	0.067	0.964	-0.003	-0.084	-5.01	-0.18
10	11.333	0.926	972.50	1436.8	495.5	78.3	0.906	0.981	1.001	0.039	0.977	-0.012	-0.090	-5.29	-0.71
11	11.466	0.927	973.39	1436.3	495.8	78.4	0.922	0.996	1.001	0.010	0.992	-0.020	-0.086	-4.98	-1.15
12	12.000	0.928	974.37	1438.2	496.3	78.5	0.935	1.007	1.001	-0.011	1.003	-0.074	-0.078	-4.46	-1.40
13	12.333	0.928	974.37	1438.9	497.2	78.5	0.943	1.014	1.001	-0.025	1.011	-0.025	-0.069	-3.89	-1.44
14	12.665	0.927	969.58	1436.9	493.7	78.4	0.966	1.040	1.001	-0.079	1.038	-0.026	-0.060	-3.30	-1.45
15	13.000	0.924	970.88	1437.1	494.6	78.3	0.978	1.049	1.001	-0.097	1.048	-0.025	-0.051	-2.81	-1.37
16	13.333	0.925	972.08	1436.6	495.1	78.4	0.988	1.057	1.001	-0.112	1.056	-0.024	-0.043	-2.34	-1.29
17	13.465	0.927	973.50	1438.4	496.6	78.4	0.995	1.062	1.001	-0.123	1.061	-0.022	-0.035	-1.88	-1.17
18	14.000	0.927	976.17	1437.0	496.4	78.5	1.003	1.068	1.001	-0.136	1.068	-0.019	-0.027	-1.45	-1.04
19	14.333	0.927	968.68	1437.9	493.7	78.3	1.012	1.082	1.001	-0.162	1.081	-0.017	-0.019	-0.99	-0.89
20	14.665	0.923	970.20	1437.1	494.2	78.3	1.020	1.088	1.001	-0.175	1.088	-0.014	-0.009	-0.46	-0.72
21	15.000	0.924	971.04	1435.8	494.3	78.2	1.031	1.096	1.002	-0.190	1.096	-0.009	0.001	0.08	-0.48
22	15.333	0.927	973.24	1437.4	496.2	78.2	1.038	1.100	1.001	-0.200	1.100	-0.004	0.011	0.59	-0.19
23	15.666	0.928	974.15	1437.1	496.5	78.3	1.046	1.107	1.001	-0.214	1.107	0.002	0.019	0.99	0.08
24	16.000	0.924	970.45	1435.8	494.0	78.2	1.048	1.112	1.001	-0.223	1.111	0.006	0.027	1.38	0.33
25	16.333	0.926	972.37	1436.6	495.3	78.4	1.033	1.097	1.000	-0.195	1.096	0.013	0.034	1.77	0.67
26	16.666	0.926	973.08	1437.3	496.0	78.3	0.998	1.065	1.001	-0.128	1.064	0.016	0.038	2.06	0.87
27	17.000	0.928	974.82	1436.7	496.8	78.2	0.942	1.012	1.001	-0.024	1.012	0.015	0.039	2.23	0.86
28	17.333	0.924	971.06	1435.5	494.2	78.3	0.973	0.999	1.001	0.003	0.998	0.012	0.039	2.24	0.68
29	17.665	0.926	972.95	1437.4	496.3	78.2	0.909	0.984	1.001	0.034	0.983	0.009	0.036	2.07	0.55
30	18.000	0.923	970.01	1435.9	493.8	78.2	0.894	0.973	1.001	0.055	0.973	0.007	0.029	1.74	0.38
31	18.333	0.925	971.74	1436.0	494.8	78.3	0.885	0.963	1.001	0.076	0.963	0.003	0.022	1.29	0.17
32	18.666	0.927	973.78	1435.4	495.8	78.2	0.884	0.960	1.001	0.082	0.960	0.001	0.016	0.93	0.05
33	19.000	0.928	974.92	1436.4	496.6	78.5	0.888	0.962	1.001	0.076	0.962	-0.001	0.012	0.70	-0.03

TEST	PART	REX10**6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1181	3.000	-2.01	64	4.00	-5.00	6-303	2- 8-77	TRANSONIC 4T

POINT	X	M	V∞	PT	Q	TT	ML	VML/V∞	PTL/PT	CPL	UL/V∞	VL/V∞	WL/V∞	AAL	SWL
5	11.000	0.925	971.85	1437.4	495.2	78.4	0.920	0.996	1.000	0.009	0.995	-0.002	-0.042	-2.39	-0.09
6	11.666	0.926	972.47	1438.4	495.9	78.4	0.925	1.000	1.001	0.003	0.999	0.000	-0.042	-2.42	0.01
7	12.333	0.927	974.06	1437.5	496.5	78.6	0.930	1.002	1.001	-0.003	1.002	-0.001	-0.042	-2.42	-0.05
8	13.000	0.928	974.56	1438.0	497.0	78.4	0.930	1.007	1.001	-0.013	1.006	-0.003	-0.042	-2.40	-0.16
9	13.666	0.924	970.89	1439.0	494.8	78.6	0.940	1.015	1.001	-0.028	1.014	-0.005	-0.039	-2.23	-0.29
10	14.333	0.926	973.15	1436.6	495.6	78.6	0.944	1.017	1.001	-0.031	1.016	-0.008	-0.035	-1.97	-0.44
11	15.000	0.925	973.11	1437.2	495.9	78.5	0.975	1.045	1.001	-0.088	1.044	-0.011	-0.029	-1.62	-0.58
12	15.666	0.927	973.31	1438.1	496.4	78.4	0.989	1.057	1.001	-0.113	1.057	-0.013	-0.021	-1.14	-0.72
13	16.333	0.925	971.52	1435.8	494.5	78.4	0.994	1.063	1.001	-0.126	1.063	-0.015	-0.010	-0.54	-0.82
14	17.000	0.928	974.19	1437.7	494.7	78.4	0.967	1.036	1.001	-0.071	1.036	-0.013	-0.002	-0.11	-0.71
15	17.666	0.928	974.94	1438.5	497.0	78.5	0.979	1.001	1.001	-0.001	1.001	-0.012	-0.003	-0.19	-0.69
16	18.333	0.921	968.37	1437.3	493.0	78.6	0.918	0.997	1.001	0.007	0.997	-0.012	-0.007	-0.41	-0.70
20	19.000	0.924	971.29	1437.8	495.1	78.4	0.916	0.992	1.001	0.017	0.992	-0.012	-0.010	-0.55	-0.72

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	118P	3.006	-2.01	68	4.00	-3.00	6-310		2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
8	11.000	0.928	974.72	1439.1	497.2	78.3	0.915	0.988	1.000	0.025	0.987	-0.001	-0.041	-2.39	-0.06
9	11.333	0.927	973.68	1438.0	496.6	78.3	0.919	0.993	1.001	0.017	0.991	0.005	-0.050	-2.89	0.28
10	11.666	0.927	973.72	1436.5	496.2	78.1	0.921	0.994	1.001	0.014	0.993	0.004	-0.052	-3.00	0.26
11	12.000	0.929	975.13	1436.4	496.9	78.3	0.926	0.997	1.001	0.008	0.996	0.004	-0.053	-3.07	0.20
12	12.333	0.929	975.45	1437.3	497.4	78.3	0.929	1.000	1.001	0.002	0.999	0.002	-0.055	-3.13	0.13
13	12.666	0.924	970.62	1436.4	494.3	78.2	0.931	1.007	1.001	-0.011	1.005	-0.001	-0.055	-3.12	-0.04
14	13.000	0.925	971.96	1436.7	495.2	78.1	0.936	1.009	1.001	-0.018	1.008	-0.003	-0.054	-3.08	-0.18
15	13.333	0.926	972.72	1436.8	495.6	78.3	0.941	1.014	1.001	-0.075	1.012	-0.006	-0.052	-2.96	-0.33
16	13.666	0.927	973.75	1435.2	495.6	78.3	0.958	1.028	1.001	-0.054	1.027	-0.009	-0.050	-2.77	-0.48
17	14.000	0.923	970.04	1437.0	494.0	78.4	0.970	1.043	1.002	-0.083	1.042	-0.011	-0.045	-2.49	-0.63
18	14.333	0.927	973.68	1435.4	495.8	78.1	0.980	1.048	1.001	-0.093	1.047	-0.014	-0.041	-2.23	-0.78
19	14.666	0.924	970.51	1435.9	494.1	78.2	0.992	1.062	1.001	-0.123	1.061	-0.017	-0.035	-1.88	-0.91
20	15.000	0.926	972.78	1437.3	495.8	78.4	1.007	1.073	1.001	-0.146	1.073	-0.019	-0.029	-1.53	-1.01
21	15.333	0.927	973.28	1436.1	495.7	78.3	1.021	1.085	1.002	-0.168	1.085	-0.021	-0.022	-1.18	-1.11
22	15.666	0.926	973.02	1436.7	495.7	78.4	1.033	1.096	1.001	-0.191	1.096	-0.023	-0.014	-0.73	-1.19
23	16.000	0.925	977.03	1438.4	495.7	78.4	1.038	1.101	1.001	-0.201	1.101	-0.023	-0.004	-0.22	-1.22
24	16.333	0.927	973.78	1437.3	496.5	78.1	1.045	1.105	1.001	-0.210	1.105	-0.024	0.005	0.27	-1.22
25	16.666	0.929	975.52	1434.5	496.4	78.3	1.043	1.102	1.001	-0.202	1.101	-0.022	0.015	0.80	-1.13
26	17.000	0.927	973.25	1438.1	496.4	78.2	0.962	1.032	1.000	-0.064	1.032	-0.014	0.016	0.91	-0.80
27	17.333	0.928	975.68	1437.2	497.4	79.4	0.928	0.999	1.001	0.003	0.999	-0.014	0.014	0.79	-0.78
28	17.666	0.926	972.74	1436.9	495.6	78.4	0.919	0.994	1.001	0.014	0.993	-0.014	0.010	0.60	-0.81
29	18.000	0.928	974.43	1438.1	497.0	78.3	0.913	0.986	1.001	0.030	0.986	-0.014	0.006	0.38	-0.82
30	18.333	0.928	974.87	1436.8	496.8	78.3	0.909	0.982	1.001	0.037	0.982	-0.014	0.004	0.21	-0.82
31	18.666	0.925	971.90	1435.1	494.9	78.3	0.905	0.981	1.001	0.039	0.981	-0.014	-0.001	-0.03	-0.85
32	19.000	0.927	973.72	1437.2	496.4	78.2	0.906	0.980	1.001	0.041	0.980	-0.015	-0.003	-0.17	-0.87

TEST	PART	RFX10-6	ALPHA	WING	Y	Z	PWW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-444	1189	2.999	-2.91	68	4.00	-2.00	6-311	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
1	11.000	0.926	972.51	1436.5	495.3	78.4	0.909	0.994	1.001	0.033	0.983	0.009	-0.051	-2.99	0.54
2	11.333	0.926	972.26	1436.7	495.2	78.2	0.912	0.987	1.002	0.079	0.985	0.011	-0.055	-3.10	0.63
3	11.666	0.924	970.81	1435.6	494.0	78.4	0.915	0.992	1.002	0.019	0.990	0.011	-0.058	-3.36	0.61
4	12.000	0.924	970.71	1438.0	494.8	78.4	0.918	0.995	1.001	0.012	0.993	0.009	-0.062	-3.56	0.50
5	12.333	0.924	970.96	1437.9	494.9	78.3	0.923	0.999	1.001	0.004	0.997	0.006	-0.064	-3.70	0.36
6	12.666	0.925	972.09	1436.8	495.2	78.3	0.929	1.004	1.001	-0.006	1.001	0.002	-0.066	-3.78	0.11
7	13.000	0.926	972.75	1437.4	495.9	78.2	0.936	1.009	1.001	-0.017	1.007	-0.003	-0.066	-3.74	-0.17
8	13.333	0.927	973.71	1437.0	495.3	78.2	0.943	1.014	1.001	-0.026	1.012	-0.009	-0.062	-3.53	-0.49
9	13.666	0.927	973.94	1436.4	495.1	78.4	0.970	1.039	1.001	-0.077	1.038	-0.014	-0.058	-3.18	-0.75
10	14.000	0.928	974.27	1436.8	496.5	78.4	0.983	1.051	1.001	-0.099	1.049	-0.018	-0.051	-2.78	-0.97
11	14.333	0.924	970.69	1436.9	494.5	78.2	0.992	1.062	1.001	-0.122	1.061	-0.022	-0.044	-2.40	-1.17
12	14.666	0.925	971.77	1435.9	494.7	78.4	1.005	1.072	1.001	-0.143	1.071	-0.024	-0.035	-1.90	-1.30
13	15.000	0.927	973.50	1438.9	496.7	78.4	1.033	1.096	1.001	-0.191	1.095	-0.028	-0.024	-1.28	-1.44
14	15.333	0.928	974.92	1437.4	496.7	78.3	1.052	1.111	1.001	-0.220	1.110	-0.029	-0.013	-0.68	-1.52
15	15.666	0.927	973.28	1434.9	495.2	78.4	1.069	1.127	1.001	-0.253	1.127	-0.031	-0.003	-0.14	-1.57
16	16.000	0.926	973.22	1437.9	496.2	78.4	1.087	1.142	1.001	-0.284	1.141	-0.031	0.009	0.43	-1.55
17	16.333	0.928	974.13	1436.7	496.4	78.2	1.103	1.154	1.001	-0.308	1.153	-0.030	0.019	0.95	-1.51
18	16.666	0.924	971.43	1436.5	494.7	78.4	1.038	1.102	1.000	-0.205	1.101	-0.019	0.032	1.64	-0.98
19	17.000	0.926	972.43	1437.7	495.8	78.2	0.934	1.007	1.000	-0.014	1.007	-0.014	0.028	1.60	-0.77
20	17.333	0.929	974.60	1436.7	496.5	78.5	0.916	0.989	1.000	0.021	0.989	-0.013	0.025	1.44	-0.77
21	17.666	0.925	971.81	1438.2	495.5	78.4	0.908	0.985	1.000	0.031	0.984	-0.015	0.021	1.20	-0.86
22	18.000	0.925	972.10	1436.8	495.2	78.3	0.901	0.977	1.000	0.046	0.977	-0.015	0.016	0.94	-0.89
23	18.333	0.929	974.48	1435.1	496.0	78.4	0.896	0.970	1.000	0.060	0.970	-0.016	0.011	0.66	-0.92
24	18.666	0.924	971.34	1438.4	495.3	78.4	0.894	0.972	1.000	0.056	0.972	-0.016	0.006	0.36	-0.92
25	19.000	0.925	972.32	1436.5	495.2	78.4	0.894	0.971	1.000	0.058	0.971	-0.016	0.002	0.13	-0.93

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1139	2.996	-2.01	68	4.00	-1.00	6-312	2- 8-77	TRANSONIC 4T

POINT	X	W	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	11.000	0.923	969.63	1434.3	493.3	77.7	0.899	0.977	1.002	0.048	0.976	0.018	-0.051	-3.00	1.04
7	11.333	0.925	977.06	1434.8	494.6	78.1	0.909	0.977	1.001	0.049	0.975	0.021	-0.056	-3.29	1.25
8	11.666	0.926	977.61	1437.0	495.6	78.3	0.901	0.977	1.001	0.048	0.975	0.024	-0.063	-3.67	1.38
9	12.000	0.926	973.01	1437.0	495.8	78.3	0.904	0.979	1.001	0.044	0.976	0.024	-0.072	-4.21	1.40
10	12.333	0.927	973.15	1435.5	495.5	78.1	0.910	0.984	1.001	0.034	0.981	0.020	-0.083	-4.81	1.17
11	12.666	0.927	973.69	1435.8	496.1	78.2	0.920	0.994	1.001	0.014	0.990	0.009	-0.092	-5.30	0.53
12	13.000	0.927	973.76	1437.1	496.3	78.3	0.933	1.006	1.001	-0.010	1.001	-0.006	-0.093	-5.29	-0.36
13	13.333	0.924	970.92	1436.8	494.5	78.3	0.965	1.038	1.001	-0.074	1.034	-0.020	-0.084	-4.66	-1.10
14	13.566	0.923	970.12	1436.3	493.8	78.5	0.986	1.058	1.001	-0.114	1.055	-0.028	-0.072	-3.91	-1.55
15	14.000	0.925	971.81	1437.2	495.1	78.6	0.999	1.068	1.001	-0.134	1.065	-0.034	-0.061	-3.30	-1.83
16	14.333	0.924	972.79	1439.2	496.0	78.5	1.011	1.077	1.001	-0.152	1.075	-0.037	-0.050	-2.66	-2.00
17	14.666	0.929	974.44	1437.5	495.6	78.7	1.018	1.081	1.001	-0.161	1.080	-0.039	-0.038	-2.00	-2.09
18	15.000	0.928	976.92	1436.9	496.9	78.4	1.024	1.086	1.001	-0.172	1.085	-0.041	-0.023	-1.24	-2.15
19	15.333	0.924	971.14	1438.2	495.7	78.2	1.048	1.111	1.000	-0.222	1.110	-0.042	-0.010	-0.31	-2.19
20	15.666	0.925	971.89	1436.1	494.8	78.4	1.086	1.143	1.000	-0.287	1.142	-0.043	0.003	0.17	-2.14
21	16.000	0.927	973.51	1435.5	496.0	78.3	1.119	1.169	0.999	-0.339	1.168	-0.041	0.019	0.92	-2.03
22	16.333	0.929	975.06	1436.8	496.9	78.4	1.143	1.187	0.998	-0.376	1.185	-0.039	0.033	1.60	-1.86
23	16.455	0.925	971.74	1437.9	495.4	78.4	1.023	1.089	0.998	-0.181	1.088	-0.017	0.035	1.84	-0.91
24	17.000	0.927	973.47	1437.8	496.4	78.3	0.924	0.997	0.997	0.000	0.997	-0.014	0.039	2.26	-0.81
25	17.333	0.924	971.04	1436.0	494.3	78.4	0.911	0.988	0.998	0.020	0.987	-0.015	0.040	2.34	-0.88
26	17.466	0.926	972.47	1437.1	495.6	78.3	0.897	0.974	0.998	0.050	0.973	-0.016	0.036	2.13	-0.96
27	18.000	0.926	974.18	1439.7	497.1	78.3	0.883	0.958	0.997	0.079	0.958	-0.017	0.029	1.75	-1.01
28	18.333	0.925	971.77	1435.9	495.1	78.3	0.874	0.952	0.998	0.091	0.952	-0.017	0.020	1.22	-1.03
29	18.666	0.925	971.90	1436.8	495.1	78.4	0.872	0.951	0.997	0.093	0.951	-0.017	0.013	0.77	-1.03
30	19.000	0.927	974.19	1438.4	496.9	78.5	0.880	0.956	0.997	0.083	0.955	-0.017	0.008	0.49	-1.02

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1182	3.003	-2.01	6A	7.00	-5.00	6-304	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	13.000	0.976	972.44	1438.0	496.1	78.4	0.922	0.996	1.000	0.008	0.995	0.001	-0.041	-2.37	0.04
6	13.666	0.978	974.00	1437.4	497.1	78.4	0.935	1.006	1.001	-0.010	1.005	0.002	-0.046	-2.65	0.13
7	14.333	0.977	973.67	1438.0	496.5	78.4	0.939	1.011	1.001	-0.021	1.010	-0.001	-0.046	-2.59	-0.03
9	15.000	0.975	972.32	1437.2	495.5	78.4	0.944	1.017	1.002	-0.031	1.016	-0.004	-0.043	-2.42	-0.22
10	15.666	0.977	973.62	1436.9	496.1	78.5	0.967	1.036	1.001	-0.071	1.036	-0.039	-0.038	-2.09	-0.51
14	16.333	0.974	971.11	1437.7	494.8	78.6	0.979	1.050	1.002	-0.098	1.049	-0.014	-0.030	-1.63	-0.78
15	17.000	0.974	971.67	1437.3	494.9	78.7	0.969	1.041	1.001	-0.080	1.040	-0.018	-0.021	-1.17	-0.98
16	17.466	0.977	973.74	1438.5	496.6	78.6	0.933	1.005	1.001	-0.009	1.005	-0.018	-0.021	-1.19	-1.00
17	18.333	0.975	971.82	1436.5	494.9	78.4	0.924	0.999	1.002	0.005	0.998	-0.017	-0.023	-1.29	-0.98
18	19.000	0.975	971.81	1437.0	495.1	78.4	0.920	0.995	1.001	0.011	0.995	-0.016	-0.025	-1.43	-0.92

TEST	PART	RE X 10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1191	3.003	-7.01	68	7.00	-3.00	6-313	2- 8-77	TRANSONIC 4T

POINT	X	M	V*	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	13.000	0.925	971.44	1439.1	495.8	78.4	0.928	1.003	1.000	-0.004	1.001	0.007	-0.050	-2.88	0.41
7	13.333	0.926	973.06	1437.8	496.1	78.4	0.930	1.003	1.001	-0.005	1.002	0.006	-0.052	-2.96	0.38
8	13.666	0.927	973.46	1437.1	494.1	78.3	0.933	1.006	1.002	-0.009	1.005	0.005	-0.052	-2.97	0.30
9	14.000	0.925	974.44	1435.9	496.2	78.4	0.936	1.008	1.001	-0.014	1.006	0.003	-0.053	-3.01	0.17
10	14.333	0.924	970.55	1437.9	494.7	78.3	0.938	1.013	1.001	-0.025	1.012	0.000	-0.054	-3.03	0.01
11	14.666	0.924	971.29	1436.6	494.6	78.4	0.942	1.016	1.002	-0.029	1.015	-0.004	-0.053	-3.00	-0.21
12	15.000	0.926	973.05	1436.9	495.9	78.3	0.966	1.036	1.001	-0.071	1.035	-0.007	-0.052	-2.86	-0.42
13	15.333	[illegible]	974.05	1436.6	496.3	78.4	0.980	1.048	1.002	-0.094	1.047	-0.013	-0.049	-2.67	-0.68
14	15.666	[illegible]	971.45	1436.7	494.8	78.3	0.994	1.063	1.001	-0.126	1.062	-0.018	-0.045	-2.41	-0.99
15	16.000	[illegible]	971.78	1435.4	494.5	78.4	1.008	1.075	1.002	-0.148	1.074	-0.024	-0.039	-2.10	-1.28
16	16.333	[illegible]	974.15	1437.3	496.6	78.4	1.027	1.089	1.001	-0.178	1.088	-0.029	-0.033	-1.73	-1.55
17	16.666	[illegible]	[illegible]	1439.8	497.4	78.3	1.041	1.101	1.000	-0.203	1.100	-0.034	-0.024	-1.27	-1.75
18	17.000	[illegible]	[illegible]	1436.5	495.0	78.4	1.017	1.083	1.001	-0.164	1.082	-0.036	-0.011	-0.56	-1.90
19	17.333	[illegible]	[illegible]	1437.8	497.0	78.4	0.945	1.015	1.001	-0.029	1.014	-0.035	-0.008	-0.47	-1.97
20	17.666	[illegible]	[illegible]	1437.4	495.6	78.4	0.928	1.002	1.001	-0.001	1.001	-0.033	-0.011	-0.65	-1.91
21	18.000	[illegible]	973.13	1437.2	496.0	78.2	0.918	0.992	1.001	0.017	0.992	-0.032	-0.015	-0.87	-1.83
22	18.333	[illegible]	969.18	1435.3	493.1	78.1	0.913	0.992	1.002	0.019	0.991	-0.031	-0.019	-1.08	-1.77
23	18.666	0.925	972.28	1435.9	495.0	78.3	0.911	0.987	1.001	0.028	0.986	-0.030	-0.021	-1.22	-1.72
24	19.000	0.928	973.90	1436.1	496.2	78.0	0.912	0.986	1.001	0.030	0.985	-0.030	-0.023	-1.33	-1.72

TEST	PART	RE X10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1197	3.002	-2.01	68	7.00	-2.00	6-314	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
9	13.000	0.926	972.36	1436.7	495.5	78.1	0.923	0.998	1.001	0.006	0.996	0.011	-0.052	-3.01	0.66
10	13.333	0.926	972.75	1436.2	495.5	78.2	0.928	1.001	1.002	-0.000	1.000	0.012	-0.054	-3.08	0.66
11	13.666	0.923	969.86	1436.5	493.8	78.3	0.929	1.006	1.001	-0.010	1.004	0.010	-0.056	-3.20	0.59
12	14.000	0.924	970.40	1436.4	494.2	78.2	0.931	1.007	1.001	-0.013	1.006	0.008	-0.058	-3.32	0.44
13	14.333	0.925	971.57	1435.7	494.5	78.3	0.935	1.010	1.001	-0.017	1.008	0.005	-0.060	-3.42	0.27
14	14.666	0.927	973.60	1437.0	496.2	78.3	0.942	1.014	1.001	-0.026	1.012	-0.000	-0.062	-3.50	-0.02
15	15.000	0.928	974.16	1437.8	495.8	78.3	0.970	1.039	1.000	-0.077	1.037	-0.007	-0.062	-3.41	-0.40
16	15.333	0.924	971.29	1437.8	495.1	78.4	0.995	1.064	1.001	-0.127	1.062	-0.017	-0.059	-3.19	-0.91
17	15.666	0.925	971.27	1437.9	495.2	78.1	1.017	1.083	1.000	-0.166	1.082	-0.027	-0.053	-2.79	-1.41
18	16.000	0.926	972.18	1434.5	494.6	78.1	1.042	1.105	1.002	-0.207	1.103	-0.036	-0.044	-2.29	-1.88
19	16.333	0.929	975.06	1439.6	496.9	78.2	1.065	1.121	1.001	-0.242	1.120	-0.043	-0.033	-1.71	-2.19
20	16.666	0.926	972.44	1436.5	495.4	78.1	1.087	1.143	1.001	-0.286	1.142	-0.048	-0.019	-0.95	-2.40
21	17.000	0.925	972.72	1436.5	495.5	78.3	1.065	1.124	1.000	-0.248	1.173	-0.053	0.001	0.07	-2.72
22	17.333	0.928	974.32	1436.4	496.3	78.5	0.936	1.007	1.000	-0.015	1.006	-0.050	0.000	0.02	-2.87
23	17.666	0.926	972.51	1438.7	496.2	78.2	0.915	0.990	1.000	0.019	0.989	-0.048	-0.004	-0.24	-2.76
24	18.000	0.926	972.38	1435.2	494.9	78.2	0.908	0.984	1.000	0.033	0.983	-0.044	-0.010	-0.56	-2.57
25	18.333	0.929	975.14	1437.1	497.1	78.3	0.904	0.977	0.999	0.044	0.976	-0.043	-0.013	-0.79	-2.50
26	18.666	0.927	973.27	1437.1	496.1	78.2	0.903	0.978	0.999	0.041	0.977	-0.041	-0.018	-1.04	-2.42
27	19.000	0.925	971.36	1436.0	494.6	78.2	0.903	0.980	1.000	0.041	0.979	-0.039	-0.022	-1.28	-2.30

TEST	PART	REX10-6	ALFA	WING	Y	Z	PWN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1193	2.995	-2.01	68	7.00	-1.00	6-315	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	13.000	0.921	968.74	1436.6	493.0	78.2	0.914	0.993	1.001	0.016	0.992	0.015	-0.052	-2.99	0.89
2	13.333	0.923	969.74	1436.2	493.7	78.3	0.920	0.998	1.001	0.006	0.996	0.018	-0.054	-3.10	1.02
3	13.666	0.924	970.81	1436.8	494.4	78.4	0.923	0.999	1.002	0.005	0.997	0.018	-0.057	-3.29	1.05
25	13.333	0.925	971.63	1436.3	494.8	78.2	0.927	1.002	1.001	-0.003	1.000	0.007	-0.051	-2.93	0.39
26	13.666	0.925	972.12	1435.8	494.9	78.3	0.924	0.998	1.002	0.006	0.997	0.018	-0.057	-3.30	1.04
27	14.000	0.927	973.37	1436.1	495.7	78.4	0.927	1.000	1.001	0.002	0.998	0.018	-0.062	-3.53	1.01
28	14.333	0.923	969.67	1436.7	493.7	78.4	0.929	1.006	1.001	-0.009	1.003	0.016	-0.068	-3.86	0.94
29	14.666	0.923	969.90	1436.9	494.0	78.2	0.934	1.010	1.002	-0.017	1.007	0.010	-0.075	-4.25	0.59
30	15.000	0.924	971.09	1435.7	494.4	78.1	0.961	1.033	1.001	-0.065	1.030	-0.003	-0.083	-4.61	-0.14
31	15.333	0.926	972.44	1435.5	495.1	78.3	1.011	1.077	1.001	-0.153	1.074	-0.023	-0.083	-4.43	-1.25
32	15.666	0.928	974.54	1436.9	496.7	78.2	1.054	1.112	1.001	-0.225	1.109	-0.044	-0.073	-3.76	-2.25
33	16.000	0.929	975.21	1437.2	497.3	78.1	1.085	1.138	1.000	-0.276	1.135	-0.059	-0.054	-2.73	-2.98
34	16.333	0.927	973.40	1437.5	496.3	78.3	1.135	1.192	1.000	-0.364	1.180	-0.065	-0.030	-1.45	-3.17
35	16.666	0.925	971.72	1436.8	495.1	78.1	1.163	1.207	0.999	-0.415	1.205	-0.069	-0.009	-0.42	-3.27
36	17.000	0.927	973.65	1435.7	495.8	78.2	1.138	1.184	0.997	-0.373	1.181	-0.092	0.009	0.43	-4.47
37	17.333	0.923	969.96	1436.3	493.9	78.1	0.914	0.991	0.996	0.010	0.989	-0.075	0.010	0.56	-4.31
38	17.666	0.925	971.42	1437.5	495.1	78.3	0.908	0.984	0.999	0.029	0.982	-0.070	0.009	0.53	-4.09
39	18.000	0.927	973.16	1436.9	495.9	78.2	0.895	0.971	0.998	0.055	0.969	-0.067	0.004	0.24	-3.95
40	18.333	0.922	968.20	1435.0	493.0	78.2	0.887	0.967	1.000	0.065	0.965	-0.063	-0.005	-0.31	-3.74
41	18.666	0.924	970.98	1435.7	494.2	78.3	0.887	0.965	0.999	0.068	0.963	-0.060	-0.012	-0.71	-3.58
42	19.000	0.927	973.55	1436.4	495.9	78.3	0.893	0.969	0.998	0.059	0.967	-0.059	-0.015	-0.88	-3.47

TEST	PART	REX10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1194	2.999	-2.01	68	-4.00	-5.00	6-316	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	11.000	0.923	969.53	1437.1	493.9	78.1	0.925	1.002	1.000	-0.004	1.001	0.007	-0.050	-2.86	0.38
5	12.333	0.925	971.47	1436.2	494.7	78.2	0.929	1.004	1.001	-0.006	1.003	-0.003	-0.044	-2.51	-0.10
7	13.666	0.924	974.74	1437.3	497.0	78.3	0.941	1.012	1.001	-0.023	1.011	0.001	-0.041	-2.31	0.06
8	15.000	0.926	972.78	1436.9	495.8	78.0	0.978	1.047	1.001	-0.092	1.046	0.007	-0.030	-1.66	0.40
10	16.333	0.927	973.33	1436.5	496.0	78.1	1.002	1.068	1.001	-0.134	1.067	0.013	-0.011	-0.60	0.69
11	17.666	0.925	971.16	1435.1	494.3	77.9	0.930	1.005	1.002	-0.007	1.005	0.010	-0.005	-0.28	0.54
12	19.000	0.925	971.77	1436.7	495.1	78.1	0.917	0.992	1.001	0.016	0.992	0.009	-0.011	-0.63	0.53

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-404	1195	2.997	-2.01	68	-4.00	-3.00	6-317	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	11.000	0.923	970.27	1436.0	493.9	78.2	0.914	0.992	1.002	0.019	0.991	-0.004	-0.045	-2.59	-0.28
7	12.333	0.928	974.26	1435.9	496.2	78.2	0.929	1.001	1.001	-0.000	1.000	-0.001	-0.051	-2.94	-0.08
12	13.666	0.923	959.44	1435.6	493.4	78.2	0.962	1.036	1.001	-0.070	1.035	0.010	-0.047	-2.59	0.53
13	15.000	0.926	977.36	1436.2	495.2	79.2	1.004	1.071	1.001	-0.140	1.070	0.021	-0.025	-1.33	1.14
14	16.333	0.927	973.63	1436.7	496.3	78.2	1.048	1.108	1.001	-0.215	1.107	0.028	0.006	0.33	1.43
15	17.666	0.928	974.08	1436.1	495.2	78.2	0.919	0.993	1.001	0.016	0.992	0.018	0.012	0.68	1.06
16	19.000	0.925	971.31	1435.6	494.8	78.2	0.906	0.983	1.001	0.036	0.983	0.017	-0.001	-0.07	1.02

TEST	PART	PEX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1196	2.995	-2.01	68	-4.00	-1.00	6-318		2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.923	970.33	1436.5	494.0	78.5	0.898	0.976	1.001	0.049	0.975	-0.015	-0.049	-2.90	-0.89
4	12.333	0.926	972.85	1437.9	496.2	78.1	0.910	0.985	1.001	0.031	0.982	-0.016	-0.082	-4.76	-0.96
5	13.666	0.929	975.74	1436.6	497.3	78.3	0.989	1.054	1.001	-0.107	1.052	0.029	-0.069	-3.76	1.60
6	15.000	0.926	972.77	1436.5	495.5	78.3	1.018	1.083	1.000	-0.166	1.082	0.044	-0.021	-1.13	2.34
7	16.333	0.923	970.35	1438.2	494.7	78.2	1.093	1.151	0.998	-0.304	1.150	0.039	0.029	1.46	1.93
8	17.666	0.926	972.27	1435.6	495.0	78.1	0.898	0.974	0.998	0.048	0.973	0.023	0.035	2.08	1.35
9	19.000	0.927	973.17	1435.2	495.4	78.2	0.881	0.958	0.998	0.080	0.957	0.023	0.008	0.48	1.37

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1197	3.003	-2.01	66	-7.00	-5.00	6-319	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	13.466	0.929	974.15	1436.9	497.0	78.4	0.937	1.008	1.001	-0.014	1.007	-0.004	-0.035	-1.98	-0.24
6	15.000	0.924	970.56	1439.1	495.1	78.3	0.943	1.018	1.001	-0.035	1.017	0.003	-0.032	-1.78	0.17
7	16.333	0.924	971.09	1435.9	494.3	78.3	0.980	1.051	1.001	-0.099	1.050	0.013	-0.019	-1.03	0.73
8	17.666	0.926	972.27	1434.5	494.6	78.2	0.932	1.006	1.002	-0.010	1.006	0.016	-0.010	-0.55	0.91
9	19.000	0.928	974.19	1437.0	496.5	78.3	0.921	0.994	1.001	0.014	0.994	0.014	-0.014	-0.82	0.82

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1190	2.997	-2.01	68	-7.00	-3.00	6-320	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	13.666	0.924	971.03	1435.6	494.3	78.2	0.932	1.007	1.001	-0.012	1.006	-0.004	-0.043	-2.46	-0.21
6	15.000	0.925	972.09	1436.1	494.9	78.4	0.968	1.039	1.001	-0.076	1.038	0.009	-0.043	-2.35	0.50
8	16.333	0.927	973.27	1436.6	495.8	78.3	1.027	1.090	1.001	-0.180	1.090	0.031	-0.022	-1.16	1.65
10	17.666	0.926	974.39	1436.4	496.5	78.2	0.927	0.999	1.001	0.004	0.998	0.034	-0.004	-0.22	1.96
11	19.000	0.923	970.26	1436.0	493.9	78.3	0.910	0.988	1.001	0.026	0.988	0.028	-0.015	-0.89	1.65

TEST	PART	PFX1C-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1199	2.999	-2.01	68	-7.00	-1.00	6-321	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	13.666	0.925	977.00	1435.9	495.0	78.1	0.975	0.999	1.001	0.003	0.998	-0.020	-0.040	-2.77	-1.14
4	15.033	0.926	977.49	1437.8	496.0	78.1	0.968	1.038	1.001	-0.076	1.036	0.002	-0.075	-4.14	0.13
5	16.333	0.924	971.01	1436.1	494.5	78.1	1.130	1.181	1.000	-0.362	1.179	0.065	-0.018	-0.90	3.14
6	17.666	0.926	972.43	1435.6	495.2	77.9	0.964	0.980	0.998	0.036	0.977	0.068	0.016	0.91	4.00
9	19.000	0.928	974.65	1437.6	497.1	78.1	0.893	0.967	0.997	0.059	0.966	0.054	-0.009	-0.55	3.23

TEST	PART	REX10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1201	2.996	-2.01	68	0.00	-14.14	7-601	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BATL
8	-6.000	0.922	968.87	1435.6	493.1	78.0	0.918	0.997	1.001	0.009	0.997	0.002	0.009	0.51	0.11
9	-5.500	0.929	973.86	1436.7	496.5	77.8	0.920	0.993	1.001	0.016	0.993	0.002	0.008	0.48	0.09
10	-5.000	0.927	973.42	1435.1	495.5	78.1	0.919	0.993	1.001	0.016	0.993	0.002	0.008	0.48	0.11
11	-4.500	0.927	973.15	1436.7	495.9	78.1	0.918	0.992	1.001	0.017	0.992	0.002	0.009	0.49	0.11
12	-4.000	0.925	971.80	1435.8	494.9	78.2	0.918	0.993	1.001	0.016	0.993	0.002	0.008	0.47	0.10
13	-3.500	0.924	971.20	1436.6	494.6	78.3	0.917	0.993	1.001	0.015	0.993	0.002	0.008	0.48	0.13
14	-3.000	0.923	969.79	1436.2	493.7	78.2	0.916	0.994	1.001	0.014	0.994	0.002	0.008	0.46	0.12
15	-2.500	0.923	969.73	1435.1	493.7	78.2	0.916	0.994	1.001	0.014	0.994	0.002	0.008	0.44	0.10
16	-2.000	0.927	969.05	1436.8	493.6	78.1	0.915	0.993	1.001	0.014	0.993	0.002	0.007	0.40	0.11
17	-1.500	0.927	973.59	1435.8	496.2	78.2	0.918	0.991	1.000	0.017	0.991	0.002	0.006	0.38	0.11
18	-1.000	0.925	971.36	1436.0	494.6	78.1	0.918	0.993	1.001	0.016	0.993	0.002	0.006	0.35	0.10
19	-0.500	0.923	970.27	1436.0	493.9	78.2	0.916	0.994	1.001	0.015	0.994	0.002	0.006	0.34	0.12
20	0.000	0.923	969.64	1435.0	493.6	78.2	0.916	0.994	1.001	0.013	0.994	0.002	0.005	0.31	0.10
21	0.500	0.925	972.42	1436.3	495.4	78.1	0.917	0.992	1.001	0.018	0.992	0.002	0.005	0.27	0.09
22	1.000	0.926	972.28	1435.1	495.1	78.3	0.918	0.993	1.001	0.015	0.993	0.002	0.004	0.23	0.09
23	1.500	0.923	970.10	1435.2	494.0	78.1	0.917	0.994	1.001	0.013	0.994	0.002	0.004	0.21	0.10
24	2.000	0.921	968.18	1435.8	492.7	78.2	0.916	0.996	1.001	0.011	0.996	0.002	0.003	0.18	0.10
25	2.500	0.925	972.15	1436.2	495.1	78.3	0.919	0.995	1.001	0.012	0.995	0.001	0.003	0.15	0.08
26	3.000	0.924	970.52	1436.6	494.3	78.2	0.919	0.996	1.001	0.010	0.996	0.002	0.002	0.13	0.09
27	3.500	0.921	968.38	1436.3	493.0	78.1	0.918	0.997	1.001	0.007	0.997	0.002	0.002	0.12	0.09
28	4.000	0.926	972.84	1436.7	495.6	78.3	0.922	0.996	1.000	0.008	0.996	0.002	0.002	0.12	0.10
29	4.500	0.925	971.49	1437.1	495.0	78.2	0.922	0.998	1.001	0.006	0.998	0.002	0.002	0.11	0.10
30	5.000	0.922	969.34	1435.1	493.4	78.2	0.921	0.999	1.001	0.004	0.999	0.001	0.002	0.09	0.07
31	5.500	0.922	968.97	1436.5	493.3	78.3	0.921	0.998	1.001	0.003	0.999	0.002	0.002	0.12	0.09
32	6.000	0.921	968.52	1436.9	493.2	78.2	0.920	0.999	1.001	0.003	0.999	0.001	0.002	0.13	0.07
33	6.500	0.926	972.50	1436.1	495.3	78.2	0.923	0.998	1.001	0.007	0.998	0.002	0.002	0.11	0.09
34	7.000	0.926	972.50	1436.8	495.6	78.2	0.924	0.998	1.001	0.005	0.998	0.002	0.003	0.16	0.11
35	7.500	0.924	970.97	1435.0	494.0	78.3	0.923	0.998	1.002	0.005	0.999	0.002	0.002	0.13	0.09
36	8.000	0.925	972.03	1436.0	494.9	78.4	0.924	0.999	1.001	0.004	0.999	0.002	0.003	0.16	0.09
37	8.500	0.924	970.84	1436.3	494.4	78.2	0.923	0.998	1.001	0.004	0.999	0.001	0.003	0.18	0.08
38	9.000	0.924	971.04	1436.3	494.6	78.1	0.922	0.998	1.001	0.005	0.998	0.002	0.004	0.20	0.09
39	9.500	0.924	971.14	1437.5	495.0	78.1	0.922	0.997	1.000	0.006	0.997	0.002	0.003	0.19	0.10
40	10.000	0.923	970.08	1436.0	493.9	78.1	0.922	0.999	1.001	0.005	0.999	0.002	0.004	0.21	0.09
41	10.500	0.924	970.67	1436.2	494.2	78.3	0.922	0.998	1.001	0.005	0.998	0.002	0.004	0.22	0.09
42	11.000	0.923	970.19	1435.7	493.8	78.2	0.922	0.999	1.002	0.005	0.999	0.002	0.004	0.23	0.09
43	11.500	0.924	970.81	1435.2	494.0	78.1	0.923	0.999	1.002	0.005	0.999	0.002	0.005	0.27	0.09
44	12.000	0.925	971.40	1436.4	494.8	76.1	0.924	1.000	1.001	0.003	1.000	0.002	0.005	0.29	0.10
45	12.500	0.926	973.03	1436.0	495.5	78.3	0.926	0.999	1.001	0.003	0.999	0.001	0.005	0.31	0.08
46	13.000	0.929	975.13	1435.7	496.5	78.3	0.927	0.999	1.001	0.004	0.999	0.001	0.006	0.35	0.08
47	13.500	0.924	971.07	1436.9	494.6	78.4	0.926	1.002	1.001	-0.002	1.002	0.002	0.007	0.41	0.10
48	14.000	0.927	973.27	1435.9	495.7	78.2	0.928	1.001	1.001	-0.000	1.001	0.002	0.008	0.44	0.10
49	14.500	0.926	972.94	1435.9	495.4	78.4	0.930	1.004	1.001	-0.005	1.003	0.002	0.009	0.52	0.11
50	15.000	0.925	971.76	1438.1	495.5	78.3	0.930	1.005	1.001	-0.007	1.005	0.002	0.010	0.59	0.10
51	15.500	0.927	974.01	1435.3	495.8	78.3	0.930	1.003	1.002	-0.003	1.002	0.002	0.012	0.66	0.10

TEST	PART	RPX10-A	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1201	2.996	-2.01	60	0.00	-14.14	7-601	2- 8-77	TRANSONIC 4T

POINT	XP	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
52	16.000	0.930	974.04	1436.8	497.5	78.4	0.931	1.001	1.001	-0.001	1.001	0.002	0.012	0.71	0.11
53	16.500	0.929	974.41	1437.6	496.7	78.6	0.931	1.003	1.001	-0.004	1.003	0.002	0.014	0.78	0.10
54	17.000	0.926	972.71	1437.8	496.1	77.9	0.928	1.001	1.001	-0.001	1.001	0.002	0.015	0.85	0.10
56	17.500	0.926	972.77	1434.3	494.9	78.0	0.928	1.002	1.001	-0.002	1.002	0.002	0.016	0.90	0.11
57	18.000	0.928	973.95	1436.9	496.5	78.1	0.929	1.001	1.000	-0.002	1.001	0.002	0.016	0.93	0.10
59	18.500	0.927	973.37	1438.3	496.6	78.1	0.926	0.999	1.001	0.003	0.999	0.001	0.016	0.94	0.08
62	19.000	0.929	974.97	1436.1	496.7	78.2	0.926	0.998	1.001	0.006	0.997	0.002	0.017	0.95	0.10
64	19.500	0.923	969.45	1436.4	493.8	78.1	0.922	0.999	1.001	0.003	0.999	0.002	0.016	0.93	0.10
65	20.000	0.926	972.56	1436.7	495.6	78.1	0.921	0.996	1.001	0.010	0.995	0.001	0.016	0.93	0.08
70	20.500	0.929	974.15	1435.9	496.1	78.4	0.923	0.996	1.001	0.010	0.995	0.001	0.016	0.93	0.08
71	21.000	0.928	974.24	1438.1	497.0	78.1	0.923	0.996	1.001	0.009	0.996	0.001	0.016	0.91	0.08
72	21.500	0.925	972.71	1437.7	495.4	78.4	0.920	0.995	1.001	0.010	0.995	0.001	0.016	0.92	0.08
73	22.000	0.929	974.30	1436.0	496.2	78.4	0.923	0.995	1.001	0.012	0.995	0.001	0.016	0.93	0.08
74	22.500	0.925	972.17	1437.4	495.6	78.3	0.923	0.998	1.001	0.006	0.998	0.001	0.016	0.93	0.07
75	23.000	0.924	970.56	1436.2	494.1	78.4	0.919	0.996	1.001	0.009	0.996	0.001	0.016	0.94	0.07
76	23.500	0.926	972.33	1436.5	495.3	78.2	0.920	0.995	1.000	0.011	0.995	0.001	0.017	0.95	0.07
77	24.000	0.927	973.50	1436.8	496.0	78.4	0.921	0.995	1.001	0.012	0.995	0.001	0.016	0.92	0.06

TEST TC-484 PART 1292 REX10-6 2.999 ALFA -2.91 WING 60 YT 10.00 ZT -10.00 RUN SURVEY 7-602 DATE 2- 8-77 AEDC PROPULSION WIND TUNNEL TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
4	-6.000	0.924	970.85	1436.3	494.4	78.1	0.918	0.995	1.003	0.015	0.995	0.002	0.003	0.52	0.13
5	-5.500	0.923	969.97	1436.7	494.0	78.3	0.917	0.994	1.001	0.013	0.994	0.002	0.003	0.15	0.12
6	-5.000	0.923	969.64	1435.6	493.4	78.2	0.916	0.994	1.001	0.015	0.994	0.003	0.002	0.13	0.15
7	-4.500	0.922	969.25	1437.3	493.8	78.1	0.915	0.993	1.001	0.015	0.993	0.003	0.002	0.12	0.16
8	-4.000	0.921	968.37	1435.6	492.7	78.1	0.914	0.994	1.001	0.015	0.994	0.003	0.002	0.12	0.16
9	-3.500	0.927	973.17	1437.1	496.0	78.2	0.918	0.992	1.001	0.017	0.992	0.003	0.002	0.12	0.15
10	-3.000	0.926	972.24	1437.7	495.7	78.1	0.918	0.993	1.001	0.016	0.993	0.003	0.002	0.10	0.15
11	-2.500	0.924	970.90	1435.4	494.1	78.3	0.916	0.993	1.002	0.017	0.993	0.003	0.001	0.08	0.15
12	-2.000	0.923	970.20	1435.2	493.6	78.2	0.916	0.993	1.001	0.016	0.993	0.003	0.001	0.06	0.17
13	-1.500	0.924	970.49	1436.4	494.2	78.3	0.916	0.993	1.001	0.017	0.993	0.003	0.001	0.05	0.18
14	-1.000	0.923	969.96	1436.5	493.9	78.2	0.915	0.993	1.001	0.017	0.993	0.003	0.000	0.01	0.19
15	-0.500	0.925	971.82	1435.1	494.5	78.3	0.916	0.992	1.001	0.019	0.992	0.003	0.000	0.00	0.19
16	0.000	0.925	971.57	1436.2	494.8	78.2	0.917	0.993	1.001	0.016	0.993	0.004	-0.000	-0.00	0.22
17	0.500	0.924	970.67	1436.7	494.4	78.2	0.916	0.993	1.001	0.017	0.993	0.004	-0.000	-0.03	0.21
18	1.000	0.922	968.61	1435.4	493.2	78.4	0.915	0.993	1.002	0.016	0.993	0.004	-0.001	-0.05	0.24
19	1.500	0.922	969.40	1437.1	493.7	78.4	0.915	0.993	1.001	0.015	0.993	0.004	-0.001	-0.07	0.24
20	2.000	0.925	972.28	1438.1	495.7	78.4	0.917	0.992	1.001	0.017	0.992	0.005	-0.002	-0.09	0.26
21	2.500	0.923	970.28	1436.0	494.0	78.1	0.917	0.994	1.002	0.015	0.994	0.005	-0.002	-0.10	0.26
22	3.000	0.923	969.84	1435.6	493.6	78.2	0.917	0.995	1.001	0.012	0.995	0.005	-0.002	-0.12	0.28
23	3.500	0.923	969.97	1437.1	494.2	78.1	0.918	0.995	1.001	0.010	0.995	0.005	-0.003	-0.15	0.28
24	4.000	0.926	972.71	1437.5	495.9	79.2	0.919	0.993	1.001	0.015	0.993	0.005	-0.003	-0.16	0.26
25	4.500	0.927	973.71	1436.3	495.8	78.2	0.922	0.995	1.001	0.011	0.995	0.005	-0.003	-0.16	0.27
26	5.000	0.924	970.90	1436.4	494.4	78.2	0.921	0.998	1.001	0.006	0.998	0.004	-0.003	-0.17	0.25
27	5.500	0.924	970.97	1436.7	494.5	78.2	0.921	0.997	1.001	0.008	0.997	0.005	-0.003	-0.16	0.26
28	6.000	0.923	968.85	1435.1	493.4	78.2	0.920	0.998	1.001	0.006	0.998	0.004	-0.003	-0.18	0.22
29	6.500	0.923	969.63	1436.6	493.8	79.2	0.921	0.998	1.001	0.005	0.998	0.004	-0.003	-0.17	0.22
30	7.000	0.927	974.07	1437.9	496.7	78.3	0.924	0.997	1.001	0.008	0.997	0.004	-0.003	-0.14	0.22
31	7.500	0.926	972.38	1436.4	495.3	78.2	0.923	0.997	1.001	0.007	0.997	0.003	-0.003	-0.15	0.19
32	8.000	0.925	971.97	1435.9	494.8	78.4	0.922	0.997	1.001	0.008	0.997	0.003	-0.002	-0.13	0.16
33	8.500	0.925	971.60	1436.1	494.7	78.3	0.922	0.998	1.001	0.007	0.998	0.003	-0.002	-0.12	0.17
34	9.000	0.924	971.36	1436.2	494.6	78.3	0.922	0.997	1.001	0.007	0.997	0.003	-0.003	-0.14	0.15
35	9.500	0.924	970.92	1436.1	494.4	78.2	0.922	0.998	1.002	0.007	0.998	0.002	-0.002	-0.12	0.14
36	10.000	0.924	970.72	1435.4	494.1	78.1	0.921	0.998	1.002	0.007	0.998	0.003	-0.002	-0.12	0.15
37	10.500	0.925	971.29	1435.8	494.5	78.1	0.922	0.998	1.001	0.006	0.998	0.003	-0.002	-0.14	0.15
38	11.000	0.925	971.89	1436.6	495.0	78.3	0.923	0.998	1.001	0.006	0.998	0.002	-0.002	-0.13	0.13
39	11.500	0.926	972.60	1436.6	495.6	78.1	0.923	0.997	1.001	0.006	0.997	0.002	-0.002	-0.14	0.14
40	12.000	0.926	973.09	1435.6	495.3	78.4	0.924	0.998	1.001	0.006	0.998	0.003	-0.002	-0.11	0.14
41	12.500	0.928	974.20	1437.0	496.6	78.2	0.926	0.999	1.001	0.004	0.999	0.002	-0.002	-0.12	0.11
42	13.000	0.923	969.86	1435.0	493.6	78.2	0.924	1.001	1.002	0.001	1.001	0.002	-0.001	-0.08	0.11
43	13.500	0.928	974.04	1436.2	496.2	78.2	0.928	1.000	1.001	0.001	1.000	0.001	-0.001	-0.08	0.08
44	14.000	0.928	974.74	1434.6	496.8	78.2	0.929	1.000	1.001	0.000	1.000	0.001	-0.001	-0.05	0.05
45	14.500	0.925	971.72	1437.0	495.1	78.3	0.928	1.003	1.001	-0.005	1.003	-0.000	-0.000	-0.02	-0.02
46	15.000	0.928	974.80	1435.8	496.5	78.2	0.931	1.002	1.001	-0.003	1.002	-0.001	0.000	0.02	-0.06
47	15.500	0.926	972.80	1435.8	495.7	78.2	0.931	1.004	1.001	-0.007	1.004	-0.002	0.002	0.09	-0.09

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1202	2.999	-2.01	60	10.00	-10.00	7-602	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
48	16.000	0.925	972.14	1435.7	494.5	78.3	0.932	1.006	1.002	-0.010	1.006	-0.003	0.003	0.17	-0.17
49	16.500	0.928	974.23	1436.2	496.3	78.3	0.932	1.004	1.001	-0.006	1.004	-0.004	0.004	0.23	-0.22
50	17.000	0.926	973.03	1436.0	495.6	78.2	0.930	1.004	1.001	-0.006	1.004	-0.004	0.005	0.30	-0.24
51	17.500	0.925	971.09	1437.6	495.6	78.1	0.929	1.004	1.001	-0.005	1.004	-0.005	0.006	0.36	-0.28
52	18.000	0.923	969.65	1436.8	493.9	78.1	0.927	1.004	1.001	-0.005	1.004	-0.005	0.006	0.35	-0.27
53	18.500	0.926	972.92	1435.1	495.2	78.1	0.925	0.999	1.002	0.005	0.999	-0.005	0.007	0.40	-0.30
56	19.000	0.927	973.04	1436.9	496.4	78.2	0.926	0.999	1.001	0.004	0.999	-0.005	0.007	0.40	-0.29
57	19.500	0.929	975.19	1436.3	497.0	78.1	0.924	0.996	1.001	0.011	0.996	-0.005	0.007	0.38	-0.31
58	20.000	0.929	974.83	1436.4	496.7	78.3	0.924	0.996	1.001	0.011	0.996	-0.005	0.006	0.37	-0.30
59	20.500	0.929	975.42	1439.3	497.6	78.4	0.923	0.995	1.001	0.012	0.995	-0.005	0.006	0.37	-0.30
60	21.000	0.929	975.15	1435.9	496.8	78.2	0.923	0.995	1.001	0.013	0.995	-0.005	0.006	0.36	-0.29
61	21.500	0.927	973.77	1436.1	496.0	78.3	0.924	0.997	1.001	0.008	0.997	-0.005	0.006	0.34	-0.28
62	22.000	0.928	974.74	1437.1	496.5	78.4	0.922	0.995	1.001	0.012	0.995	-0.005	0.006	0.32	-0.29
63	22.500	0.928	974.70	1438.4	497.3	78.3	0.922	0.994	1.001	0.013	0.994	-0.005	0.006	0.34	-0.28
64	23.000	0.928	974.20	1435.1	495.9	78.2	0.922	0.995	1.002	0.013	0.995	-0.005	0.006	0.32	-0.29
65	23.500	0.928	974.60	1436.5	496.6	78.2	0.923	0.995	1.000	0.011	0.995	-0.005	0.006	0.33	-0.28
66	24.000	0.923	970.13	1436.3	493.9	78.4	0.920	0.997	1.001	0.008	0.997	-0.005	0.006	0.32	-0.28

TEST	PART	RPX10-6	ALFA	WING	YP	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1703	2.999	-2.01	08	-10.00	-10.00	7-603	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
3	-6.000	0.927	973.48	1435.4	495.6	78.2	0.918	0.992	1.003	0.021	0.992	0.002	0.001	0.08	0.16
4	-4.000	0.924	970.87	1436.2	494.3	78.3	0.917	0.994	1.001	0.014	0.994	0.001	0.007	0.41	0.07
5	-2.000	0.922	968.68	1435.4	493.8	78.3	0.915	0.994	1.001	0.014	0.994	0.000	0.006	0.33	0.01
6	0.000	0.926	972.61	1435.8	495.2	78.3	0.915	0.990	1.001	0.022	0.990	-0.001	0.005	0.26	-0.05
7	2.000	0.923	969.66	1437.0	493.9	78.2	0.917	0.995	1.001	0.012	0.995	-0.002	0.004	0.20	-0.10
8	4.000	0.927	973.78	1436.1	495.1	78.1	0.920	0.993	1.001	0.015	0.993	-0.002	0.002	0.13	-0.12
9	6.000	0.921	966.47	1436.3	493.1	78.1	0.920	0.999	1.001	0.004	0.999	-0.001	0.002	0.14	-0.07
10	8.000	0.926	972.75	1435.5	494.9	78.2	0.923	0.997	1.001	0.008	0.997	-0.001	0.002	0.14	-0.05
11	10.000	0.925	971.69	1434.7	494.3	78.2	0.923	0.998	1.002	0.007	0.998	-0.000	0.002	0.14	-0.03
12	12.000	0.927	973.07	1435.7	496.0	77.8	0.925	0.998	1.001	0.005	0.998	0.000	0.002	0.14	0.02
13	14.000	0.929	974.24	1434.6	496.0	77.6	0.930	1.002	1.001	-0.001	1.002	0.002	0.004	0.20	0.10
17	16.000	0.930	975.97	1437.7	497.8	78.3	0.934	1.004	1.000	-0.007	1.004	0.006	0.007	0.41	0.34
19	18.000	0.923	970.36	1437.2	494.6	76.3	0.928	1.005	1.001	-0.008	1.005	0.008	0.011	0.62	0.48
22	20.000	0.928	974.47	1434.1	496.4	78.2	0.924	0.997	1.001	0.008	0.997	0.008	0.010	0.59	0.45
25	22.000	0.926	972.57	1436.4	495.4	78.2	0.922	0.997	1.001	0.009	0.996	0.008	0.010	0.55	0.46
29	24.000	0.924	972.63	1436.5	495.5	78.2	0.923	0.997	1.001	0.007	0.997	0.008	0.010	0.56	0.44

TEST	PART	PFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
IC-484	1730	7.997	-5.01	68	0.00	-5.00	6-301	2- 8-77	TRANSONIC 4T

POINT	X	W	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
8	9.000	0.927	979.54	1459.1	503.6	85.3	0.926	1.000	1.000	0.001	0.996	-0.002	-0.085	-4.87	-0.09
9	9.666	0.927	978.20	1462.8	504.9	85.0	0.928	1.002	1.001	-0.002	0.998	-0.002	-0.087	-4.96	-0.13
10	10.333	0.926	978.18	1460.0	503.5	84.5	0.929	1.003	1.002	-0.002	0.999	-0.002	-0.088	-5.04	-0.12
11	11.000	0.928	980.87	1459.3	504.6	85.0	0.934	1.005	1.000	-0.011	1.001	-0.002	-0.089	-5.06	-0.11
12	11.666	0.928	981.42	1461.3	505.7	84.9	0.940	1.010	1.000	-0.020	1.006	-0.002	-0.088	-4.98	-0.12
13	12.333	0.926	976.57	1460.0	503.4	85.2	0.961	1.032	1.001	-0.062	1.029	-0.002	-0.084	-4.69	-0.11
14	13.000	0.925	977.24	1461.3	503.3	84.7	0.980	1.051	1.001	-0.100	1.046	-0.001	-0.078	-4.25	-0.08
15	13.666	0.927	979.06	1459.7	503.8	84.8	0.999	1.065	1.001	-0.129	1.063	-0.001	-0.069	-3.73	-0.07
16	14.333	0.925	978.02	1460.8	503.5	84.9	1.014	1.080	1.001	-0.159	1.078	-0.001	-0.059	-3.13	-0.03
17	15.000	0.927	978.99	1450.6	504.1	84.7	1.027	1.090	1.001	-0.179	1.089	-0.001	-0.048	-2.55	-0.05
18	15.666	0.926	979.03	1458.5	503.1	85.2	1.037	1.100	1.001	-0.199	1.099	-0.000	-0.038	-1.96	-0.02
19	16.333	0.926	978.68	1461.3	504.0	85.0	1.058	1.118	1.001	-0.235	1.118	0.000	-0.027	-1.30	0.01
20	17.000	0.925	974.45	1460.4	503.5	85.2	1.015	1.080	1.000	-0.162	1.080	0.001	-0.012	-0.64	0.03
21	17.666	0.928	981.20	1459.7	505.0	84.9	0.924	0.995	1.000	0.010	0.995	0.000	-0.015	-0.88	0.00
22	18.333	0.925	979.37	1461.1	503.7	85.1	0.916	0.991	1.000	0.019	0.991	-0.000	-0.020	-1.16	-0.01
23	19.000	0.928	980.92	1460.8	505.0	85.2	0.913	0.986	1.000	0.028	0.986	-0.000	-0.023	-1.36	-0.02

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1232	3.002	-5.01	66	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
7	9.000	0.924	979.32	1462.3	504.5	85.4	0.929	1.002	0.998	-0.008	0.997	-0.004	-0.099	-5.65	-0.24
8	9.333	0.925	978.37	1461.8	503.9	85.2	0.923	0.998	1.001	0.006	0.995	0.001	-0.075	-4.29	0.04
9	9.666	0.925	978.44	1461.0	503.6	85.4	0.922	0.997	1.001	0.008	0.994	0.001	-0.076	-4.35	0.06
10	10.000	0.926	979.95	1463.2	504.7	85.4	0.922	0.996	1.001	0.009	0.993	0.001	-0.077	-4.42	0.05
11	10.333	0.926	978.80	1460.7	503.7	85.4	0.922	0.997	1.002	0.010	0.994	0.001	-0.078	-4.50	0.06
12	10.666	0.927	980.07	1461.2	504.6	85.3	0.925	0.998	1.001	0.005	0.995	0.001	-0.079	-4.55	0.06
13	11.000	0.927	980.11	1460.6	504.4	85.4	0.930	1.003	1.002	-0.003	1.000	0.001	-0.079	-4.53	0.06
14	11.333	0.925	977.97	1461.8	503.7	85.2	0.936	1.010	1.001	-0.018	1.007	0.001	-0.078	-4.44	0.08
15	11.666	0.926	979.02	1461.4	504.1	85.2	0.941	1.013	1.001	-0.026	1.011	0.001	-0.076	-4.30	0.06
16	12.000	0.927	979.81	1461.1	504.4	85.4	0.965	1.035	1.001	-0.069	1.032	0.001	-0.073	-4.02	0.06
17	12.333	0.924	977.41	1463.4	503.8	85.3	0.978	1.049	1.001	-0.097	1.047	0.001	-0.069	-3.77	0.05
18	12.666	0.924	976.87	1460.7	502.5	85.2	0.988	1.059	1.002	-0.116	1.057	0.001	-0.064	-3.49	0.06
19	13.000	0.924	978.70	1459.6	503.4	85.0	1.002	1.069	1.001	-0.137	1.067	0.002	-0.060	-3.20	0.09
20	13.333	0.926	978.95	1460.4	503.9	85.0	1.014	1.079	1.001	-0.157	1.078	0.002	-0.054	-2.87	0.10
21	13.666	0.923	979.94	1460.8	502.1	85.2	1.018	1.086	1.002	-0.170	1.085	0.002	-0.049	-2.59	0.11
22	14.000	0.924	977.07	1459.2	502.1	85.4	1.023	1.089	1.002	-0.177	1.088	0.002	-0.043	-2.25	0.12
23	14.333	0.926	978.90	1462.8	504.3	85.6	1.030	1.094	1.001	-0.187	1.093	0.002	-0.038	-1.97	0.11
24	14.666	0.926	978.81	1461.9	504.2	85.2	1.043	1.105	1.002	-0.209	1.105	0.002	-0.033	-1.72	0.12
25	15.000	0.923	975.80	1459.3	501.7	84.8	1.055	1.119	1.001	-0.237	1.118	0.003	-0.028	-1.41	0.13
26	15.333	0.925	978.11	1461.0	503.5	85.2	1.075	1.133	1.000	-0.267	1.133	0.002	-0.022	-1.12	0.13
27	15.666	0.924	979.00	1460.7	503.8	85.3	1.092	1.147	1.001	-0.294	1.147	0.003	-0.017	-0.83	0.16
28	16.000	0.924	977.49	1462.5	503.6	85.3	1.109	1.163	1.000	-0.328	1.163	0.003	-0.010	-0.52	0.16
29	16.333	0.926	978.90	1461.4	503.9	85.5	1.120	1.171	1.000	-0.342	1.171	0.003	-0.005	-0.26	0.17
30	16.666	0.927	979.96	1461.5	504.8	85.1	1.133	1.180	1.000	-0.360	1.190	0.003	-0.000	-0.00	0.15
31	17.000	0.928	980.72	1460.4	504.9	84.9	1.122	1.170	0.999	-0.342	1.170	0.004	-0.001	-0.07	0.19
32	17.333	0.925	977.25	1459.7	503.0	84.2	0.970	0.995	0.999	0.008	0.995	0.003	-0.004	-0.23	0.19
33	17.666	0.926	979.10	1456.7	502.7	85.0	0.969	0.984	0.999	0.031	0.984	0.003	-0.004	-0.24	0.20
34	18.000	0.925	977.65	1461.7	503.6	84.9	0.967	0.984	0.999	0.030	0.984	0.003	-0.004	-0.26	0.19
35	18.333	0.925	978.28	1461.3	503.7	85.2	0.904	0.981	0.999	0.037	0.981	0.003	-0.006	-0.33	0.18
36	18.666	0.927	979.60	1459.3	503.3	85.3	0.903	0.978	1.000	0.044	0.978	0.003	-0.007	-0.42	0.17
37	19.000	0.925	977.81	1462.7	503.9	85.1	0.903	0.980	0.999	0.038	0.980	0.003	-0.009	-0.52	0.17

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1233	2.989	-5.01	68	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	9.000	0.921	974.54	1458.9	500.5	85.4	0.925	1.004	1.001	-0.005	1.003	0.004	-0.048	-2.77	0.20
4	9.333	0.924	977.08	1464.7	503.8	85.4	0.923	0.999	1.001	0.004	0.998	0.004	-0.047	-2.71	0.22
5	9.666	0.923	976.76	1460.1	502.2	85.4	0.917	0.994	1.001	0.013	0.993	0.004	-0.048	-2.75	0.20
6	10.000	0.925	977.77	1461.8	503.5	85.3	0.918	0.994	1.001	0.014	0.993	0.004	-0.048	-2.75	0.22
7	10.333	0.925	978.19	1462.2	503.9	85.3	0.919	0.995	1.001	0.013	0.993	0.004	-0.048	-2.76	0.24
8	10.666	0.925	978.57	1459.6	503.1	85.4	0.924	0.999	1.001	0.005	0.997	0.005	-0.048	-2.75	0.26
9	11.000	0.927	979.18	1462.5	504.8	84.9	0.933	1.006	1.001	-0.011	1.005	0.005	-0.046	-2.62	0.28
10	11.333	0.927	979.47	1460.9	504.2	85.1	0.941	1.014	1.001	-0.025	1.013	0.004	-0.044	-2.51	0.24
11	11.666	0.925	975.02	1457.9	502.4	85.0	0.975	1.045	1.002	-0.088	1.045	0.004	-0.041	-2.24	0.24
12	12.000	0.924	977.70	1461.0	503.1	85.4	0.996	1.065	1.001	-0.129	1.065	0.004	-0.037	-2.01	0.22
13	12.333	0.924	977.39	1461.8	503.3	85.2	1.012	1.080	1.001	-0.158	1.079	0.004	-0.034	-1.78	0.21
14	12.666	0.925	978.01	1459.1	502.8	85.1	1.028	1.093	1.001	-0.184	1.092	0.005	-0.030	-1.56	0.24
15	13.000	0.926	978.30	1458.7	503.3	84.7	1.042	1.104	1.001	-0.208	1.104	0.005	-0.025	-1.30	0.27
16	13.333	0.927	979.58	1459.8	503.9	85.2	1.055	1.114	1.001	-0.228	1.114	0.005	-0.022	-1.11	0.27
17	13.666	0.925	977.63	1462.2	503.7	85.0	1.064	1.125	1.001	-0.248	1.124	0.005	-0.018	-0.92	0.25
18	14.000	0.925	977.88	1461.3	503.4	85.3	1.071	1.130	1.002	-0.259	1.130	0.005	-0.015	-0.76	0.26
19	14.333	0.925	978.24	1459.0	502.8	85.2	1.081	1.139	1.002	-0.275	1.139	0.005	-0.013	-0.64	0.24
20	14.666	0.926	978.72	1460.9	503.7	85.4	1.092	1.148	1.001	-0.295	1.148	0.004	-0.010	-0.51	0.22
21	15.000	0.925	977.74	1463.6	504.2	85.1	1.096	1.152	1.000	-0.305	1.152	0.005	-0.007	-0.37	0.25
22	15.333	0.924	977.48	1460.6	502.9	85.3	1.104	1.159	1.001	-0.317	1.159	0.005	-0.005	-0.23	0.23
23	15.666	0.927	979.79	1460.4	504.1	85.5	1.112	1.163	1.000	-0.327	1.163	0.005	-0.003	-0.17	0.25
24	16.000	0.922	974.72	1462.3	502.5	85.2	1.117	1.172	1.001	-0.344	1.172	0.005	-0.000	-0.02	0.24
25	16.333	0.924	976.90	1458.9	501.9	85.3	1.120	1.173	1.000	-0.347	1.173	0.005	0.001	0.05	0.23
26	16.666	0.926	979.05	1462.0	504.3	85.3	1.125	1.175	0.999	-0.351	1.175	0.005	0.001	0.03	0.23
27	17.000	0.923	975.95	1460.5	502.0	85.3	1.046	1.111	1.001	-0.221	1.111	0.005	-0.001	-0.04	0.28
28	17.333	0.925	978.07	1459.6	502.8	85.5	0.959	1.032	1.001	-0.062	1.032	0.006	0.006	0.31	0.31
29	17.666	0.925	978.41	1464.0	504.6	85.5	0.930	1.004	1.001	-0.007	1.004	0.006	0.008	0.46	0.32
30	18.000	0.924	976.98	1461.7	503.3	84.7	0.915	0.992	1.001	0.018	0.992	0.005	0.010	0.59	0.31
31	18.333	0.926	978.97	1456.7	502.4	85.4	0.909	0.984	1.001	0.033	0.984	0.006	0.009	0.55	0.34
32	18.666	0.928	981.34	1461.9	505.6	85.4	0.907	0.980	1.001	0.042	0.980	0.006	0.009	0.50	0.35
33	19.000	0.926	978.61	1460.7	503.6	85.3	0.904	0.980	1.001	0.043	0.980	0.006	0.006	0.35	0.33

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1231	2.990	-5.01	68	4.00	-5.00	6-303		2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
7	11.000	0.925	978.72	1460.0	503.2	85.2	0.927	1.001	1.002	0.000	0.998	-0.002	-0.086	-4.94	-0.13
8	11.666	0.926	979.22	1462.1	504.5	85.2	0.936	1.009	1.001	-0.017	1.004	-0.006	-0.100	-5.67	-0.35
9	12.333	0.925	978.51	1460.7	503.5	85.4	0.942	1.015	1.001	-0.028	1.010	-0.009	-0.099	-5.62	-0.53
10	13.000	0.928	980.80	1461.8	475.0	85.4	0.970	1.039	1.000	-0.077	1.034	-0.013	-0.096	-5.30	-0.74
11	13.666	0.925	977.98	1462.1	503.7	85.2	0.988	1.058	1.001	-0.114	1.054	-0.019	-0.089	-4.85	-1.01
12	14.333	0.927	979.86	1459.1	503.8	85.2	1.008	1.073	1.001	-0.144	1.070	-0.023	-0.080	-4.28	-1.25
13	15.000	0.926	975.73	1459.5	503.4	85.1	1.024	1.088	1.002	-0.175	1.086	-0.027	-0.069	-3.64	-1.44
14	15.666	0.924	977.49	1461.3	503.1	85.3	1.037	1.101	1.001	-0.202	1.099	-0.030	-0.057	-2.94	-1.58
15	16.333	0.924	977.08	1461.4	503.1	85.0	1.056	1.118	1.001	-0.237	1.117	-0.032	-0.044	-2.27	-1.66
16	17.000	0.927	979.78	1462.4	504.9	85.2	1.052	1.120	1.000	-0.241	1.119	-0.033	-0.027	-1.36	-1.67
17	17.666	0.925	979.18	1461.2	504.1	85.4	0.926	1.000	1.000	0.000	0.999	-0.029	-0.024	-1.30	-1.68
18	18.333	0.925	978.02	1461.7	503.6	85.2	0.915	0.991	1.000	0.018	0.990	-0.030	-0.031	-1.70	-1.71
19	19.000	0.925	978.18	1460.3	503.2	85.4	0.913	0.989	1.000	0.022	0.988	-0.030	-0.036	-2.06	-1.76

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RHW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1234	3.003	-5.01	6B	4.00	-3.00	6-310	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.924	976.92	1460.0	502.8	84.4	0.923	0.999	1.002	0.005	0.993	-0.006	-0.110	-6.30	-0.36
4	11.333	0.926	978.60	1456.9	502.3	85.3	0.927	1.002	1.001	-0.001	0.995	-0.005	-0.112	-6.42	-0.27
5	11.666	0.925	979.04	1463.0	504.6	85.3	0.932	1.006	1.001	-0.010	0.999	-0.007	-0.114	-6.51	-0.38
6	12.000	0.926	978.55	1460.7	503.8	84.9	0.935	1.008	1.001	-0.015	1.002	-0.010	-0.115	-6.57	-0.59
7	12.333	0.927	978.57	1459.8	503.8	85.3	0.943	1.015	1.001	-0.028	1.008	-0.014	-0.115	-6.49	-0.81
8	12.666	0.925	978.35	1464.0	504.6	85.2	0.973	1.043	1.001	-0.086	1.037	-0.020	-0.113	-6.20	-1.10
9	13.000	0.926	978.67	1461.8	504.2	85.0	0.992	1.060	1.001	-0.118	1.054	-0.026	-0.109	-5.88	-1.42
10	13.333	0.927	980.13	1459.6	504.1	85.4	1.015	1.079	1.001	-0.158	1.074	-0.032	-0.102	-5.45	-1.73
11	13.666	0.924	977.09	1463.2	503.5	85.4	1.032	1.097	1.001	-0.194	1.093	-0.038	-0.094	-4.93	-2.01
12	14.000	0.924	977.65	1461.6	503.3	85.4	1.042	1.105	1.001	-0.210	1.101	-0.042	-0.085	-4.43	-2.19
13	14.333	0.925	976.32	1460.5	503.5	85.1	1.054	1.115	1.001	-0.228	1.111	-0.046	-0.075	-3.84	-2.33
14	14.666	0.927	979.71	1460.4	504.1	85.3	1.065	1.123	1.001	-0.245	1.120	-0.047	-0.065	-3.31	-2.41
15	15.000	0.928	981.76	1460.9	505.2	85.4	1.081	1.135	1.001	-0.269	1.132	-0.047	-0.057	-2.87	-2.38
19	15.333	0.926	979.23	1459.2	503.4	85.3	1.095	1.149	1.001	-0.299	1.147	-0.048	-0.049	-2.46	-2.38
20	15.666	0.928	980.59	1461.1	504.8	85.4	1.113	1.163	1.000	-0.376	1.161	-0.048	-0.040	-1.97	-2.37
21	16.000	0.925	978.37	1460.8	503.4	85.4	1.126	1.176	1.000	-0.354	1.175	-0.048	-0.031	-1.50	-2.35
22	16.333	0.927	980.13	1461.5	504.7	85.4	1.144	1.189	0.999	-0.379	1.168	-0.047	-0.021	-1.03	-2.28
23	16.666	0.929	981.30	1462.3	505.8	85.0	1.159	1.199	0.998	-0.401	1.199	-0.047	-0.012	-0.55	-2.22
24	17.000	0.926	979.08	1459.3	503.3	85.4	1.168	1.210	0.999	-0.421	1.209	-0.045	-0.001	-0.06	-2.13
25	17.333	0.928	982.13	1461.4	505.8	85.4	1.074	1.129	0.997	-0.261	1.128	-0.034	0.000	0.02	-1.74
27	17.666	0.926	976.95	1462.5	504.4	85.3	0.891	0.959	0.997	0.059	0.967	-0.034	-0.006	-0.37	-2.01
28	18.000	0.927	980.04	1460.8	504.5	85.3	0.888	0.964	0.997	0.067	0.963	-0.035	-0.010	-0.60	-2.08
30	18.333	0.928	980.42	1462.0	505.1	85.3	0.891	0.966	0.997	0.062	0.965	-0.037	-0.014	-0.81	-2.18
31	18.666	0.925	978.24	1462.1	503.9	85.3	0.893	0.970	0.997	0.054	0.970	-0.037	-0.017	-1.00	-2.21
32	19.000	0.926	977.53	1460.7	502.9	85.4	0.896	0.973	0.997	0.049	0.973	-0.038	-0.020	-1.17	-2.22

TEST	PART	RNX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1235	2.998	-5.01	6A	4.00	-2.00	6-311	3- 8-77	TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UL/VW	VL/VW	WL/VW	AAL	BWL
8	11.000	0.923	979.77	1461.0	502.1	85.1	0.914	0.992	1.001	0.018	0.985	0.002	-0.118	-6.81	0.12
9	11.333	0.924	977.04	1460.5	502.7	85.2	0.918	0.995	1.001	0.012	0.987	0.001	-0.122	-7.07	0.04
10	11.665	0.924	978.99	1459.5	502.4	85.0	0.924	1.000	1.001	0.003	0.992	-0.002	-0.127	-7.32	-0.13
11	12.000	0.926	978.54	1460.9	503.7	85.2	0.931	1.005	1.000	-0.009	0.996	-0.007	-0.131	-7.49	-0.42
12	12.333	0.927	979.57	1460.5	504.0	85.4	0.941	1.013	1.001	-0.025	1.005	-0.016	-0.132	-7.51	-0.91
13	12.666	0.927	980.14	1461.2	504.6	85.4	0.986	1.053	1.000	-0.106	1.045	-0.028	-0.130	-7.11	-1.53
14	13.000	0.928	981.51	1461.0	505.2	85.4	1.027	1.099	1.000	-0.177	1.091	-0.041	-0.123	-6.47	-2.20
15	13.333	0.930	982.59	1463.1	506.7	85.5	1.060	1.116	1.000	-0.233	1.109	-0.054	-0.110	-5.64	-2.78
16	13.666	0.929	981.95	1460.9	505.6	85.3	1.082	1.135	1.001	-0.268	1.129	-0.062	-0.093	-4.69	-3.13
18	14.000	0.927	980.33	1462.2	505.1	85.4	1.090	1.144	1.000	-0.288	1.139	-0.064	-0.076	-3.82	-3.22
19	14.333	0.927	980.44	1461.7	505.0	85.4	1.101	1.153	1.000	-0.307	1.150	-0.063	-0.063	-3.16	-3.14
20	14.666	0.926	981.21	1461.5	505.4	85.3	1.110	1.168	1.000	-0.336	1.165	-0.062	-0.053	-2.61	-3.04
22	15.000	0.926	978.08	1460.1	503.1	85.2	1.126	1.176	1.000	-0.353	1.174	-0.061	-0.043	-2.08	-2.98
23	15.333	0.927	980.10	1459.7	504.2	85.2	1.144	1.189	0.999	-0.379	1.187	-0.059	-0.031	-1.81	-2.84
24	15.666	0.929	982.09	1461.5	505.9	85.4	1.161	1.200	0.998	-0.403	1.199	-0.057	-0.020	-0.97	-2.74
26	16.000	0.923	976.70	1460.6	502.4	85.3	1.176	1.219	0.998	-0.440	1.210	-0.057	-0.007	-0.36	-2.70
27	16.333	0.924	977.67	1461.3	503.2	85.4	1.184	1.225	0.996	-0.454	1.224	-0.057	0.004	0.20	-2.64
28	16.666	0.925	978.02	1461.4	503.4	85.4	1.196	1.234	0.996	-0.471	1.233	-0.055	0.016	0.73	-2.53
29	17.000	0.927	979.78	1461.7	504.5	85.1	1.206	1.246	0.995	-0.484	1.239	-0.051	0.027	1.26	-2.36
30	17.333	0.928	980.66	1461.7	505.0	85.2	0.984	1.051	0.993	-0.112	1.050	-0.031	0.004	0.24	-1.67
31	17.666	0.927	980.31	1461.3	504.8	85.4	0.875	0.951	0.994	0.086	0.951	-0.035	0.003	0.21	-2.10
32	18.000	0.929	981.32	1462.2	505.7	85.3	0.874	0.950	0.993	0.090	0.949	-0.037	0.001	0.05	-2.22
33	18.333	0.929	979.79	1460.7	503.3	85.1	0.878	0.955	0.993	0.078	0.954	-0.039	-0.002	-0.13	-2.31
34	18.666	0.928	980.33	1460.1	504.5	85.2	0.881	0.957	0.994	0.075	0.956	-0.039	-0.005	-0.32	-2.36
36	19.000	0.926	978.99	1461.2	504.0	85.2	0.885	0.962	0.993	0.065	0.961	-0.040	-0.008	-0.51	-2.36

TEST	PART	RFX10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1236	2.999	-5.01	6A	4.00	-1.00	6-312	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	11.000	0.923	976.15	1462.4	502.7	85.4	0.900	0.979	1.001	0.042	0.971	0.014	-0.122	-7.14	0.88
6	11.333	0.924	974.89	1461.8	503.0	85.3	0.902	0.980	1.001	0.041	0.971	0.016	-0.130	-7.60	0.96
7	11.666	0.925	977.61	1451.5	503.3	85.2	0.906	0.983	1.000	0.035	0.972	0.016	-0.141	-8.25	0.94
8	12.000	0.925	978.21	1459.3	502.9	85.3	0.913	0.988	1.000	0.024	0.976	0.011	-0.154	-8.97	0.64
9	12.333	0.926	979.03	1462.1	504.4	85.1	0.928	1.002	0.999	-0.004	0.987	-0.006	-0.169	-9.69	-0.37
10	12.666	0.927	979.40	1460.7	504.1	85.2	1.007	1.073	0.999	-0.148	1.057	-0.043	-0.178	-9.56	-2.33
11	13.000	0.928	981.12	1462.2	505.5	85.4	1.107	1.157	0.998	-0.317	1.143	-0.080	-0.161	-8.04	-4.38
12	13.333	0.929	981.61	1452.7	506.1	85.2	1.132	1.177	0.999	-0.356	1.167	-0.104	-0.114	-5.60	-5.08
13	13.666	0.929	981.94	1460.0	505.4	85.1	1.172	1.168	0.995	-0.343	1.162	-0.095	-0.079	-3.91	-4.66
14	14.000	0.927	980.42	1462.0	505.1	85.4	1.126	1.174	0.997	-0.352	1.169	-0.084	-0.068	-3.31	-4.12
15	14.333	0.926	978.59	1464.1	504.8	85.3	1.127	1.177	0.997	-0.358	1.173	-0.078	-0.057	-2.76	-3.80
16	14.666	0.925	979.23	1460.0	503.2	85.1	1.140	1.188	0.998	-0.380	1.185	-0.075	-0.043	-2.09	-3.63
17	15.000	0.927	979.54	1459.4	503.7	85.2	1.162	1.205	0.997	-0.412	1.202	-0.072	-0.028	-1.33	-3.43
18	15.333	0.928	981.06	1460.0	504.9	85.1	1.187	1.223	0.997	-0.449	1.221	-0.073	-0.009	-0.41	-3.43
19	15.666	0.926	979.08	1461.0	504.0	85.2	1.205	1.240	0.995	-0.483	1.238	-0.072	0.011	0.49	-3.32
20	16.000	0.923	974.58	1460.4	502.2	85.4	1.213	1.250	0.995	-0.504	1.248	-0.071	0.026	1.18	-3.27
21	16.333	0.925	978.98	1452.6	504.4	85.1	1.224	1.255	0.992	-0.517	1.252	-0.068	0.041	1.87	-3.13
22	16.666	0.928	980.79	1461.9	505.2	85.4	1.232	1.259	0.990	-0.527	1.257	-0.064	0.054	2.45	-2.90
23	17.000	0.927	978.90	1461.6	504.7	85.3	1.187	1.225	0.989	-0.461	1.224	-0.039	0.016	0.76	-1.80
24	17.333	0.928	982.10	1462.4	506.1	85.5	0.900	0.973	0.988	0.033	0.973	-0.032	0.011	0.66	-1.89
25	17.666	0.925	978.36	1460.3	503.2	85.6	0.878	0.956	0.991	0.071	0.955	-0.036	0.021	1.28	-2.18
26	18.000	0.927	980.12	1452.0	504.9	85.4	0.871	0.948	0.990	0.087	0.947	-0.038	0.020	1.18	-2.30
27	18.333	0.927	979.80	1461.6	504.6	85.4	0.865	0.943	0.990	0.097	0.942	-0.039	0.014	0.85	-2.37
28	18.666	0.927	979.53	1460.6	504.1	85.3	0.863	0.940	0.991	0.102	0.939	-0.039	0.008	0.40	-2.39
29	19.000	0.925	978.29	1450.5	503.3	85.4	0.868	0.946	0.990	0.089	0.946	-0.040	0.003	0.21	-2.41

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1237	3,000	-5,01	68	-4,00	-5,00	6	316	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
4	11.000	0.924	977.46	1462.3	503.4	85.4	0.924	1.000	1.000	0.000	0.994	-0.004	-0.108	-6.22	-0.22
5	12.333	0.926	978.97	1459.9	503.7	84.9	0.941	1.014	1.001	-0.026	1.009	0.005	-0.101	-5.72	0.29
7	13.666	0.927	980.10	1460.2	504.4	85.1	0.991	1.057	1.001	-0.114	1.053	0.015	-0.092	-4.89	0.81
8	15.000	0.928	980.84	1462.0	505.5	85.0	1.026	1.088	1.001	-0.175	1.085	0.024	-0.070	-3.71	1.26
9	16.333	0.926	980.61	1461.3	505.0	85.3	1.063	1.120	1.000	-0.241	1.119	0.030	-0.046	-2.36	1.55
10	17.666	0.928	981.18	1459.9	504.8	85.4	0.976	0.998	1.000	0.004	0.997	0.028	-0.075	-1.46	1.62
11	19.000	0.923	976.68	1461.6	502.8	85.3	0.913	0.991	1.000	0.019	0.990	0.028	-0.037	-2.13	1.61

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1238	2.992	-5.01	6B	-4.00	-3.00	6	-317	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VP	AAL	SWL
3	11.000	0.921	974.03	1460.1	501.2	85.5	0.971	1.000	1.000	0.001	0.994	-0.002	-0.109	-6.28	-0.11
4	12.333	0.923	975.54	1463.1	503.1	85.5	0.942	1.010	1.001	-0.034	1.011	0.011	-0.114	-6.46	0.60
5	13.666	0.926	977.51	1460.0	502.7	85.3	1.027	1.092	1.002	-0.182	1.088	0.035	-0.092	-4.82	1.86
6	15.000	0.930	987.09	1462.0	506.1	85.2	1.087	1.139	1.000	-0.278	1.136	0.048	-0.055	-2.75	2.40
8	16.333	0.927	980.77	1461.4	504.8	85.4	1.139	1.185	0.999	-0.371	1.184	0.049	-0.020	-0.99	2.36
15	17.666	0.922	975.79	1460.4	501.8	85.4	0.893	0.972	0.998	0.052	0.972	0.036	-0.006	-0.36	2.12
16	19.000	0.929	981.59	1459.7	505.2	85.0	0.896	0.969	0.997	0.056	0.968	0.039	-0.019	-1.12	2.29

TEST	PART	REX10-6	ALFA	WING	Y	Z	PUP SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1239	2.995	-5.01	68	-4.00	-1.00	6-318	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
1	11.000	0.922	978.46	1460.3	501.7	85.2	0.898	0.977	1.001	0.047	0.970	-0.014	-0.118	-6.95	-0.84
2	12.333	0.927	979.94	1460.8	504.4	85.3	0.929	1.001	0.999	-0.005	0.987	0.007	-0.169	-9.73	0.38
3	13.666	0.929	981.77	1462.7	506.0	85.6	1.088	1.141	0.995	-0.288	1.134	0.092	-0.080	-4.03	4.64
4	15.000	0.927	979.84	1463.4	505.2	85.4	1.160	1.203	0.996	-0.410	1.200	0.079	-0.031	-1.47	3.76
5	16.333	0.927	979.66	1460.5	504.0	85.5	1.272	1.253	0.993	-0.511	1.250	0.079	0.038	1.75	3.62
6	17.666	0.926	978.98	1462.2	504.4	85.2	0.890	0.957	0.991	0.069	0.956	0.045	0.021	1.25	2.71
7	19.000	0.923	975.80	1459.7	501.6	85.3	0.869	0.950	0.992	0.085	0.949	0.047	0.002	0.10	2.82

TEST	PART	RFX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE
TC-484	1241	3.004	-5.00	68	0.00	-14.14	7-601	2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	YT	M	VM	PT	Q	TT	ML	VMI/VM	PTI/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
8	-6.000	0.928	980.36	1461.7	505.0	85.2	0.922	0.995	1.001	0.012	0.995	0.003	0.007	0.42	0.15
9	-5.500	0.922	975.39	1459.5	501.3	85.3	0.917	0.996	1.002	0.011	0.996	0.003	0.007	0.43	0.14
10	-5.000	0.922	975.44	1462.3	502.4	85.0	0.917	0.995	1.001	0.012	0.995	0.002	0.007	0.43	0.13
12	-4.500	0.927	979.90	1458.1	503.7	85.0	0.918	0.992	1.001	0.019	0.992	0.003	0.007	0.41	0.15
13	-4.000	0.926	978.18	1460.8	504.1	85.0	0.921	0.995	1.001	0.013	0.995	0.002	0.007	0.41	0.14
14	-3.500	0.925	978.08	1460.4	503.5	84.8	0.918	0.993	1.001	0.016	0.993	0.002	0.007	0.39	0.13
15	-3.000	0.924	977.47	1458.7	502.2	85.4	0.917	0.993	1.001	0.015	0.993	0.002	0.007	0.39	0.11
16	-2.500	0.923	976.77	1462.8	503.2	85.4	0.917	0.994	1.001	0.013	0.994	0.002	0.006	0.37	0.14
17	-2.000	0.923	975.59	1460.5	501.9	85.0	0.915	0.993	1.001	0.016	0.993	0.002	0.006	0.35	0.12
18	-1.500	0.922	975.40	1460.2	501.6	85.2	0.915	0.993	1.000	0.014	0.993	0.002	0.005	0.30	0.11
19	-1.000	0.921	974.77	1461.3	501.6	85.1	0.915	0.994	1.001	0.014	0.994	0.002	0.005	0.29	0.12
20	-0.500	0.924	977.54	1460.0	502.8	85.2	0.916	0.992	1.001	0.018	0.992	0.002	0.004	0.23	0.10
21	0.000	0.924	976.33	1458.0	501.6	84.8	0.916	0.993	1.001	0.015	0.993	0.002	0.003	0.19	0.13
22	0.500	0.923	976.01	1459.7	501.8	85.1	0.916	0.994	1.001	0.013	0.994	0.002	0.003	0.17	0.10
23	1.000	0.925	978.39	1461.5	503.8	85.2	0.919	0.994	1.001	0.015	0.994	0.002	0.003	0.15	0.10
24	1.500	0.922	975.47	1460.7	501.7	85.4	0.917	0.996	1.001	0.011	0.996	0.002	0.002	0.11	0.12
25	2.000	0.922	975.48	1461.2	502.0	85.2	0.917	0.996	1.001	0.011	0.996	0.002	0.001	0.06	0.12
26	2.500	0.925	978.63	1461.6	503.9	85.4	0.920	0.995	1.001	0.012	0.995	0.002	0.001	0.05	0.11
27	3.000	0.924	977.05	1461.9	503.1	85.3	0.920	0.997	1.001	0.008	0.997	0.002	0.000	0.02	0.11
28	3.500	0.921	974.72	1460.2	501.2	85.2	0.919	0.998	1.001	0.007	0.998	0.002	0.000	0.02	0.11
30	4.000	0.927	979.78	1460.3	504.4	84.9	0.922	0.995	1.001	0.011	0.995	0.002	-0.001	-0.03	0.11
31	4.500	0.927	979.60	1461.6	504.4	85.4	0.925	0.998	1.001	0.005	0.998	0.002	-0.000	-0.01	0.12
32	5.000	0.926	978.61	1464.3	504.8	85.3	0.924	0.999	1.000	0.003	0.999	0.002	0.000	0.01	0.12
33	5.500	0.924	976.92	1461.5	502.9	85.3	0.924	1.000	1.001	0.002	1.000	0.002	-0.000	-0.01	0.10
34	6.000	0.924	976.86	1460.9	502.6	85.4	0.924	1.000	1.001	0.001	1.000	0.002	0.000	0.02	0.10
35	6.500	0.922	975.78	1461.9	502.3	85.3	0.924	1.002	1.001	-0.001	1.002	0.002	0.000	0.02	0.12
36	7.000	0.921	974.45	1459.9	500.9	85.2	0.923	1.001	1.001	-0.000	1.001	0.002	0.001	0.05	0.11
37	7.500	0.926	978.54	1461.4	503.9	85.1	0.925	1.000	1.001	0.002	1.000	0.002	0.001	0.08	0.11
38	8.000	0.925	977.67	1461.1	503.2	85.2	0.925	1.001	1.001	0.001	1.001	0.002	0.001	0.08	0.11
39	8.500	0.924	977.47	1460.4	502.9	85.2	0.925	1.000	1.002	0.002	1.000	0.002	0.002	0.10	0.12
40	9.000	0.925	978.18	1461.1	503.6	85.0	0.924	0.999	1.000	0.002	0.999	0.002	0.002	0.12	0.13
41	9.500	0.924	977.20	1459.6	502.4	85.3	0.925	1.001	1.002	0.001	1.001	0.002	0.002	0.12	0.10
42	10.000	0.925	978.26	1462.1	504.0	85.2	0.925	0.999	1.000	0.002	0.999	0.002	0.003	0.15	0.12
43	10.500	0.924	977.66	1458.9	502.4	85.4	0.925	1.000	1.002	0.002	1.000	0.002	0.003	0.17	0.11
44	11.000	0.925	978.20	1461.9	503.7	85.4	0.926	1.001	1.001	-0.001	1.001	0.002	0.003	0.19	0.10
45	11.500	0.925	978.77	1461.4	503.7	85.7	0.927	1.002	1.001	-0.001	1.002	0.002	0.003	0.20	0.12
46	12.000	0.926	979.49	1461.4	504.3	85.4	0.928	1.002	1.001	-0.002	1.002	0.002	0.004	0.24	0.10
47	12.500	0.928	980.36	1461.2	504.8	85.2	0.931	1.003	1.001	-0.004	1.003	0.002	0.005	0.28	0.11
48	13.000	0.929	981.58	1459.9	504.7	85.4	0.933	1.004	1.001	-0.006	1.004	0.002	0.006	0.32	0.13
49	13.500	0.924	977.55	1462.3	503.5	85.4	0.934	1.009	1.000	-0.017	1.009	0.002	0.007	0.40	0.12
50	14.000	0.925	978.48	1462.4	504.1	85.4	0.935	1.008	1.001	-0.015	1.009	0.002	0.009	0.49	0.13
51	14.500	0.929	981.93	1461.6	505.7	85.5	0.939	1.008	1.001	-0.015	1.008	0.002	0.010	0.56	0.13
52	15.000	0.929	981.87	1461.5	505.7	85.5	0.939	1.010	1.001	-0.017	1.009	0.002	0.012	0.67	0.13
53	15.500	0.925	978.06	1461.5	503.4	85.5	0.941	1.015	1.001	-0.027	1.015	0.003	0.014	0.79	0.15

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1241	3.004	-5.00	68	0.00	-14.14	7-601	2- 8-77	

POINT	XT	M	VM	PT	Q	TT	ML	VPL/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
54	16.000	0.928	980.63	1461.0	504.9	85.3	0.942	1.013	1.002	-0.023	1.013	0.002	0.017	0.93	0.13
55	16.500	0.926	976.97	1461.7	504.2	85.3	0.944	1.016	1.001	-0.031	1.016	0.003	0.019	1.07	0.15
56	17.000	0.928	980.42	1460.1	504.5	85.2	0.942	1.013	1.002	-0.024	1.013	0.002	0.022	1.24	0.12
57	17.500	0.929	981.58	1458.7	504.7	85.2	0.942	1.012	1.001	-0.023	1.012	0.002	0.025	1.40	0.12
58	18.000	0.923	975.70	1462.6	502.7	85.0	0.935	1.011	1.001	-0.021	1.011	0.002	0.026	1.46	0.14
60	18.500	0.928	980.47	1462.1	505.2	85.2	0.933	1.005	1.000	-0.010	1.005	0.002	0.026	1.50	0.11
61	19.000	0.926	979.15	1460.3	503.8	85.3	0.932	1.005	1.001	-0.010	1.005	0.002	0.027	1.55	0.12
62	19.500	0.926	979.48	1460.2	503.9	85.4	0.929	1.003	1.001	-0.003	1.002	0.002	0.027	1.55	0.09
64	20.000	0.926	977.42	1461.9	503.3	85.3	0.926	1.002	1.001	-0.002	1.002	0.002	0.027	1.53	0.10
65	20.500	0.927	979.66	1461.2	504.6	85.2	0.926	0.999	1.001	0.004	0.999	0.002	0.027	1.52	0.10
66	21.000	0.928	980.56	1460.9	504.8	85.4	0.927	1.000	1.001	0.002	0.999	0.002	0.027	1.52	0.11
67	21.500	0.927	980.37	1462.1	505.1	85.3	0.925	0.997	1.001	0.007	0.997	0.002	0.026	1.51	0.10
68	22.000	0.929	981.45	1461.4	505.4	85.1	0.925	0.997	1.001	0.007	0.997	0.002	0.026	1.48	0.09
69	22.500	0.927	980.18	1460.4	504.4	85.3	0.925	0.998	1.001	0.006	0.998	0.002	0.025	1.46	0.10
70	23.000	0.928	979.75	1460.4	504.5	84.6	0.925	0.999	1.002	0.007	0.998	0.002	0.026	1.47	0.09
71	23.500	0.929	980.35	1457.5	503.8	84.7	0.925	0.997	1.002	0.009	0.997	0.002	0.025	1.44	0.09
72	24.000	0.927	979.70	1460.9	504.4	85.3	0.925	0.998	1.000	0.004	0.998	0.002	0.025	1.44	0.09

TEST	PART	RFX10-A	ALFA	WING	YT	ZT	PUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1242	3.001	-9.00	68	10.00	-10.00	7-602	2- 9-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
4	-6.000	0.927	980.11	1459.9	504.3	85.1	0.922	0.995	1.003	0.016	0.995	0.003	0.008	0.46	0.16
5	-5.500	0.926	979.85	1460.4	503.8	84.9	0.920	0.994	1.001	0.014	0.994	0.003	0.001	0.07	0.17
6	-5.000	0.925	978.32	1459.7	503.1	85.3	0.918	0.993	1.002	0.016	0.993	0.003	0.001	0.08	0.17
7	-4.500	0.925	978.50	1460.2	503.3	85.4	0.919	0.994	1.001	0.014	0.994	0.003	0.001	0.08	0.17
8	-4.000	0.925	977.84	1462.1	503.7	85.2	0.918	0.994	1.001	0.014	0.994	0.003	0.001	0.07	0.18
9	-3.500	0.926	976.81	1461.3	502.8	85.1	0.917	0.994	1.001	0.014	0.994	0.003	0.001	0.05	0.17
10	-3.000	0.923	975.47	1461.6	502.7	85.3	0.917	0.994	1.001	0.014	0.994	0.003	0.000	0.03	0.19
11	-2.500	0.923	976.29	1459.6	501.7	85.5	0.916	0.994	1.002	0.015	0.994	0.003	0.000	0.03	0.20
12	-2.000	0.922	975.29	1460.9	501.7	85.3	0.915	0.994	1.001	0.015	0.994	0.004	0.000	0.01	0.20
13	-1.500	0.925	978.05	1460.5	503.2	85.4	0.917	0.993	1.002	0.017	0.993	0.004	-0.000	-0.02	0.22
14	-1.000	0.924	977.62	1460.7	503.0	85.3	0.916	0.992	1.001	0.017	0.992	0.004	-0.001	-0.04	0.23
15	-0.500	0.924	977.47	1463.2	503.7	85.4	0.916	0.993	1.001	0.015	0.993	0.004	-0.001	-0.06	0.25
16	0.000	0.922	975.52	1461.5	501.9	85.5	0.915	0.994	1.002	0.015	0.994	0.004	-0.001	-0.06	0.25
17	0.500	0.925	977.57	1459.8	503.2	84.4	0.917	0.993	1.001	0.017	0.993	0.005	-0.002	-0.10	0.26
18	1.000	0.924	976.97	1455.4	501.1	85.0	0.917	0.993	1.002	0.017	0.993	0.005	-0.002	-0.13	0.29
19	1.500	0.924	977.35	1461.4	503.2	85.1	0.918	0.994	1.000	0.013	0.994	0.005	-0.003	-0.15	0.31
20	2.000	0.922	975.92	1463.9	503.1	85.4	0.917	0.995	1.001	0.012	0.995	0.005	-0.003	-0.18	0.31
21	2.500	0.925	978.37	1461.0	503.5	85.4	0.919	0.994	1.001	0.014	0.994	0.006	-0.003	-0.18	0.33
22	3.000	0.925	977.91	1461.0	503.4	85.1	0.919	0.995	1.001	0.012	0.995	0.006	-0.004	-0.21	0.34
23	3.500	0.922	975.08	1460.1	501.6	84.7	0.918	0.996	1.002	0.010	0.996	0.006	-0.003	-0.20	0.34
24	4.000	0.925	977.48	1457.6	502.2	84.6	0.921	0.997	1.002	0.010	0.996	0.006	-0.004	-0.24	0.34
25	4.500	0.924	977.38	1459.2	502.5	85.1	0.921	0.997	1.001	0.007	0.997	0.006	-0.004	-0.23	0.32
26	5.000	0.924	976.90	1462.8	503.4	85.2	0.921	0.997	1.001	0.007	0.997	0.005	-0.004	-0.23	0.30
27	5.500	0.923	976.55	1460.2	502.7	85.4	0.922	0.999	1.002	0.005	0.999	0.005	-0.004	-0.24	0.29
28	6.000	0.926	979.36	1461.0	504.1	85.4	0.924	0.998	1.001	0.007	0.998	0.005	-0.004	-0.23	0.29
29	6.500	0.926	979.23	1462.3	504.5	85.3	0.924	0.999	1.001	0.006	0.998	0.005	-0.004	-0.24	0.30
30	7.000	0.925	978.63	1461.6	503.9	85.4	0.924	0.999	1.001	0.005	0.998	0.005	-0.004	-0.23	0.27
31	7.500	0.925	978.07	1461.3	503.5	85.3	0.923	0.998	1.001	0.005	0.998	0.004	-0.004	-0.23	0.25
32	8.000	0.925	977.90	1459.3	503.1	85.2	0.923	0.998	1.001	0.005	0.998	0.004	-0.004	-0.23	0.22
33	8.500	0.925	978.09	1460.8	503.4	85.2	0.924	0.999	1.001	0.004	0.999	0.004	-0.004	-0.24	0.21
34	9.000	0.925	977.95	1461.6	503.5	85.3	0.923	0.999	1.001	0.004	0.999	0.003	-0.004	-0.24	0.17
35	9.500	0.924	977.60	1460.3	502.9	85.3	0.922	0.998	1.001	0.005	0.998	0.003	-0.004	-0.23	0.20
36	10.000	0.925	976.03	1460.9	503.3	85.4	0.924	0.999	1.001	0.006	0.999	0.003	-0.005	-0.26	0.18
37	10.500	0.926	976.66	1462.0	504.0	85.4	0.925	0.999	1.001	0.003	0.999	0.003	-0.004	-0.24	0.17
38	11.000	0.926	979.80	1462.4	504.3	85.3	0.925	0.999	1.001	0.003	0.999	0.003	-0.005	-0.26	0.16
39	11.500	0.926	978.44	1460.2	503.4	85.1	0.925	0.999	1.001	0.003	0.999	0.002	-0.005	-0.29	0.14
40	12.000	0.927	979.61	1460.7	504.3	85.0	0.927	1.000	1.001	0.002	1.000	0.002	-0.005	-0.29	0.13
41	12.500	0.929	981.50	1462.0	505.7	85.3	0.929	1.001	1.000	-0.001	1.001	0.002	-0.005	-0.28	0.11
42	13.000	0.927	980.27	1462.6	505.2	85.4	0.930	1.002	1.001	-0.004	1.002	0.001	-0.005	-0.27	0.07
43	13.500	0.928	981.18	1461.1	505.2	85.4	0.932	1.004	1.002	-0.005	1.004	0.001	-0.004	-0.25	0.03
45	14.000	0.926	979.43	1460.6	504.0	85.3	0.934	1.007	1.001	-0.012	1.007	0.000	-0.004	-0.26	0.01
46	14.500	0.928	981.03	1460.8	504.8	85.4	0.936	1.007	1.001	-0.012	1.007	-0.001	-0.003	-0.18	-0.08
47	15.000	0.925	980.95	1461.7	505.4	85.2	0.938	1.009	1.001	-0.017	1.009	-0.003	-0.002	-0.14	-0.17
48	15.500	0.928	978.70	1459.5	503.2	85.4	0.940	1.013	1.002	-0.024	1.013	-0.004	-0.001	-0.07	-0.25

TEST	PART	RE X10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1742	3.001	-5.00	E8	10.00	-10.00	7-602	2- 9-77	

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
49	16.000	0.921	974.87	1462.8	507.0	85.4	0.940	1.017	1.001	-0.033	1.017	-0.007	0.001	0.05	-0.39
50	16.500	0.923	976.02	1461.4	502.6	84.8	0.940	1.016	1.002	-0.028	1.016	-0.009	0.003	0.18	-0.49
51	17.000	0.928	980.51	1457.5	503.6	85.3	0.943	1.014	1.001	-0.027	1.014	-0.010	0.006	0.32	-0.59
53	17.500	0.929	981.64	1463.5	506.4	85.3	0.941	1.029	1.001	-0.058	1.029	-0.013	0.008	0.47	-0.71
54	18.000	0.922	975.92	1460.8	502.9	85.4	0.936	1.013	1.002	-0.023	1.012	-0.015	0.010	0.59	-0.82
60	18.500	0.927	975.67	1461.7	502.3	85.2	0.930	1.007	1.001	-0.011	1.007	-0.015	0.011	0.62	-0.85
61	19.000	0.927	979.78	1459.6	504.1	84.9	0.931	1.003	1.001	-0.005	1.003	-0.016	0.011	0.64	-0.89
63	19.500	0.928	981.88	1461.3	505.7	85.3	0.930	1.001	1.001	-0.001	1.001	-0.016	0.011	0.64	-0.89
64	20.000	0.925	978.47	1461.0	503.5	85.5	0.926	1.001	1.001	-0.001	1.001	-0.015	0.011	0.60	-0.87
65	20.500	0.927	978.85	1462.2	504.8	85.4	0.925	0.998	1.001	0.006	0.998	-0.015	0.011	0.60	-0.88
69	21.000	0.928	982.00	1459.8	505.2	85.4	0.925	0.996	1.001	0.010	0.996	-0.015	0.010	0.56	-0.88
70	21.500	0.928	980.70	1461.1	505.0	85.4	0.925	0.998	1.001	0.006	0.998	-0.015	0.009	0.54	-0.86
72	22.000	0.927	980.83	1461.6	504.9	85.0	0.924	0.997	1.001	0.008	0.997	-0.015	0.009	0.53	-0.85
73	22.500	0.930	982.21	1459.8	505.5	85.2	0.924	0.995	1.001	0.012	0.995	-0.015	0.009	0.50	-0.86
74	23.000	0.926	978.47	1460.3	503.4	85.4	0.923	0.998	1.001	0.006	0.998	-0.015	0.009	0.52	-0.85
75	23.500	0.926	978.45	1461.9	504.1	84.9	0.923	0.997	1.001	0.007	0.997	-0.015	0.009	0.49	-0.84
76	24.000	0.926	978.85	1459.5	503.6	84.8	0.922	0.996	1.002	0.011	0.996	-0.015	0.009	0.49	-0.86

TEST	PART	RPX10-6	ALFA	WING	YT	ZT	PWW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1243	3.001	-5.00	68	-10.00	-10.00	7-603	2- 9-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
3	-6.000	0.923	975.64	1447.3	502.6	85.0	0.916	0.994	1.002	0.016	0.994	0.002	0.001	0.05	0.14
4	-4.000	0.924	976.67	1451.2	502.9	85.0	0.918	0.994	1.001	0.013	0.994	0.001	0.006	0.32	0.08
6	-2.000	0.926	979.03	1450.4	503.7	85.3	0.917	0.992	1.001	0.019	0.992	0.001	0.005	0.28	0.04
8	0.000	0.928	980.69	1451.8	505.1	85.3	0.919	0.992	1.000	0.017	0.992	-0.000	0.003	0.18	-0.02
9	2.000	0.925	977.69	1460.9	503.5	84.8	0.918	0.993	1.001	0.015	0.993	-0.002	0.002	0.11	-0.10
10	4.000	0.922	975.10	1461.5	502.1	84.8	0.919	0.997	1.001	0.007	0.997	-0.002	0.001	0.04	-0.12
11	6.000	0.928	980.76	1457.6	503.8	85.3	0.923	0.996	1.001	0.010	0.996	-0.002	0.000	0.02	-0.09
12	8.000	0.927	979.77	1459.6	504.1	85.0	0.924	0.997	1.001	0.007	0.997	-0.000	0.001	0.05	-0.03
13	10.000	0.927	978.81	1458.7	503.4	84.5	0.924	0.998	1.001	0.006	0.998	0.000	0.000	0.00	0.00
14	12.000	0.927	978.95	1455.7	502.4	84.7	0.927	1.001	1.002	0.002	1.001	0.001	-0.000	-0.03	0.07
17	14.000	0.927	979.39	1457.2	504.7	85.0	0.935	1.008	1.001	-0.015	1.008	0.004	0.000	0.02	0.23
19	16.000	0.925	976.97	1459.8	503.0	85.1	0.947	1.016	1.002	-0.028	1.015	0.011	0.004	0.24	0.60
21	18.000	0.925	978.14	1450.6	503.3	85.3	0.941	1.015	1.001	-0.028	1.015	0.020	0.014	0.82	1.10
23	20.000	0.927	979.08	1461.7	504.6	85.2	0.928	1.001	1.002	0.000	1.001	0.020	0.014	0.80	1.15
25	22.000	0.924	977.37	1461.1	503.9	85.3	0.923	0.999	1.000	0.004	0.998	0.019	0.012	0.71	1.08
26	24.000	0.926	979.85	1461.3	503.9	85.4	0.923	0.997	1.001	0.007	0.997	0.019	0.012	0.66	1.07

TEST	PRPT	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	955	2.996	-0.02	68	0.00	-5.00	6-301	2- 8-77	TRANSONIC 4T

POINT	X	M	V∞	PT	Q	TT	ML	VML/V∞	PTL/PT	CPL	UL/V∞	VL/V∞	WL/V∞	AAL	BML
8	9.000	0.971	1014.74	1418.3	511.9	80.4	0.942	0.975	1.002	0.053	0.975	0.000	0.001	0.05	0.01
9	9.666	0.976	1019.05	1420.0	514.8	80.0	0.938	0.967	1.001	0.068	0.967	0.000	0.000	0.00	0.01
10	10.333	0.976	1018.54	1420.6	514.4	80.1	0.935	0.965	1.002	0.073	0.965	0.000	-0.003	-0.19	0.01
11	11.000	0.977	1019.80	1418.9	514.5	80.2	0.935	0.963	1.001	0.075	0.963	-0.001	-0.006	-0.30	-0.03
12	11.666	0.978	1021.91	1421.2	516.1	80.7	0.937	0.964	1.001	0.074	0.964	-0.000	-0.009	-0.51	-0.02
13	12.333	0.976	1018.72	1422.4	515.1	80.2	0.940	0.969	1.001	0.064	0.969	-0.000	-0.011	-0.63	-0.02
14	13.000	0.975	1018.02	1418.0	513.3	80.0	0.943	0.972	1.001	0.059	0.972	-0.000	-0.011	-0.63	-0.02
15	13.666	0.978	1020.79	1417.3	514.2	80.5	0.965	0.989	1.001	0.023	0.999	0.000	-0.010	-0.56	0.00
16	14.333	0.977	1020.27	1423.3	515.9	80.9	0.982	1.004	1.001	-0.008	1.004	-0.000	-0.007	-0.37	-0.01
17	15.000	0.976	1019.53	1422.1	515.2	80.7	0.992	1.013	1.001	-0.075	1.013	0.000	-0.002	-0.12	0.00
18	15.666	0.978	1020.59	1418.4	514.5	80.7	1.005	1.024	1.001	-0.045	1.024	0.001	0.004	0.22	0.03
19	16.333	0.978	1021.73	1420.9	515.7	81.2	1.029	1.043	1.000	-0.085	1.043	0.001	0.010	0.56	0.07
20	17.000	0.975	1018.34	1423.9	515.3	80.5	1.050	1.063	1.001	-0.125	1.063	0.001	0.017	0.93	0.08
21	17.666	0.974	1017.64	1417.7	512.7	80.4	1.067	1.079	1.002	-0.154	1.078	0.001	0.024	1.29	0.08
22	18.333	0.977	1019.95	1418.3	514.2	80.4	1.092	1.096	1.000	-0.191	1.095	0.001	0.031	1.63	0.06
23	19.000	0.975	1018.57	1421.6	514.6	80.6	0.933	0.963	1.000	0.074	0.963	0.001	0.015	0.90	0.08

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	950	3.006	-0.02	6R	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	9.000	0.974	1017.94	1425.7	515.7	81.4	0.941	0.972	0.997	0.052	0.972	0.010	-0.013	-0.75	0.57
5	9.333	0.971	1015.81	1416.5	510.7	81.7	0.934	0.968	1.002	0.068	0.968	0.003	0.000	0.02	0.17
6	9.666	0.978	1022.19	1430.0	519.0	81.6	0.932	0.959	0.999	0.080	0.959	0.003	-0.001	-0.05	0.17
7	10.000	0.973	1017.57	1416.6	511.7	81.6	0.928	0.961	1.001	0.080	0.961	0.002	-0.003	-0.17	0.13
8	10.333	0.977	1021.17	1427.0	517.5	81.4	0.928	0.957	1.000	0.086	0.957	0.002	-0.005	-0.28	0.14
9	10.666	0.975	1019.24	1426.0	516.1	81.4	0.926	0.957	1.001	0.088	0.957	0.002	-0.007	-0.43	0.14
10	11.000	0.974	1018.84	1416.2	512.2	81.7	0.925	0.957	1.000	0.086	0.957	0.002	-0.010	-0.62	0.12
11	11.333	0.979	1022.60	1432.4	520.1	81.7	0.929	0.957	1.000	0.086	0.957	0.003	-0.011	-0.60	0.15
12	11.666	0.971	1015.90	1419.7	512.0	81.4	0.929	0.963	1.002	0.077	0.962	0.002	-0.014	-0.81	0.13
13	12.000	0.975	1019.44	1422.9	515.1	81.4	0.935	0.965	0.999	0.069	0.965	0.002	-0.014	-0.81	0.14
14	12.333	0.975	1018.75	1427.1	516.2	81.4	0.937	0.967	1.001	0.067	0.967	0.002	-0.014	-0.82	0.13
15	12.666	0.974	1018.08	1420.6	513.5	81.4	0.940	0.970	1.001	0.061	0.970	0.002	-0.014	-0.81	0.14
16	13.000	0.977	1021.03	1423.7	515.9	82.0	0.958	0.984	1.000	0.031	0.984	0.003	-0.013	-0.76	0.16
17	13.333	0.978	1022.25	1430.5	519.0	82.0	0.969	0.992	1.000	0.015	0.992	0.002	-0.012	-0.67	0.14
18	13.666	0.974	1018.18	1429.7	516.7	81.7	0.970	0.997	1.002	0.008	0.997	0.002	-0.010	-0.59	0.12
22	14.000	0.976	1020.78	1437.0	518.6	82.3	0.987	1.009	1.000	-0.019	1.009	0.003	-0.008	-0.45	0.14
24	14.333	0.973	1018.92	1415.0	511.3	82.7	0.991	1.015	0.999	-0.030	1.015	0.003	-0.006	-0.31	0.14
25	14.666	0.978	1022.48	1438.8	521.9	82.5	1.005	1.023	1.000	-0.046	1.023	0.003	-0.003	-0.16	0.15
27	15.000	0.975	1019.54	1412.4	511.1	81.8	1.010	1.030	1.000	-0.060	1.030	0.003	0.001	0.03	0.14
32	15.333	0.974	1018.92	1423.1	514.6	82.0	1.014	1.034	1.001	-0.068	1.034	0.003	0.005	0.25	0.16
33	15.666	0.979	1023.21	1440.5	523.1	82.1	1.033	1.046	0.999	-0.092	1.046	0.004	0.007	0.40	0.20
34	16.000	0.976	1020.07	1423.4	515.3	82.0	1.039	1.054	1.000	-0.107	1.054	0.004	0.011	0.60	0.21
36	16.333	0.978	1022.12	1433.2	519.8	82.3	1.059	1.069	1.000	-0.138	1.069	0.004	0.015	0.82	0.23
37	16.666	0.976	1020.52	1430.0	518.1	81.6	1.070	1.079	1.000	-0.157	1.079	0.004	0.019	1.01	0.20
38	17.000	0.976	1020.00	1418.7	513.7	81.8	1.084	1.091	1.001	-0.180	1.091	0.003	0.024	1.26	0.18
40	17.333	0.979	1022.77	1425.9	517.6	82.0	1.105	1.105	0.998	-0.212	1.105	0.004	0.028	1.44	0.22
41	17.666	0.979	1022.45	1428.3	518.6	81.7	1.110	1.109	0.999	-0.218	1.108	0.004	0.030	1.56	0.20
42	18.000	0.976	1020.36	1420.1	514.3	82.0	1.081	1.089	1.000	-0.177	1.088	0.004	0.024	1.28	0.21
43	18.333	0.978	1021.33	1425.9	517.1	82.1	1.022	1.038	0.998	-0.078	1.038	0.004	0.014	0.80	0.22
44	18.666	0.974	1018.85	1431.5	517.6	81.9	0.936	0.967	0.999	0.065	0.967	0.004	0.010	0.60	0.23
45	19.000	0.973	1017.76	1413.7	510.4	81.8	0.924	0.958	1.000	0.084	0.958	0.003	0.012	0.71	0.17

TEST	PART	REX10-6	ALPA	WING	Y	Z	RMW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	960	3.009	-0.02	69	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	9.000	0.973	1017.86	1431.7	517.0	82.3	0.939	0.970	1.001	0.061	0.970	0.002	-0.001	-0.09	0.12
3	9.333	0.973	1018.23	1419.3	512.8	82.0	0.934	0.965	1.001	0.071	0.965	0.002	-0.001	-0.09	0.09
4	9.666	0.979	1023.26	1428.2	518.6	82.3	0.931	0.959	1.000	0.082	0.959	0.003	-0.002	-0.09	0.15
5	10.000	0.977	1017.15	1420.8	512.7	82.3	0.925	0.959	1.001	0.083	0.959	0.002	-0.005	-0.20	0.10
6	10.333	0.975	1019.27	1424.1	515.2	81.9	0.924	0.956	1.000	0.087	0.956	0.002	-0.006	-0.34	0.13
7	10.666	0.975	1019.61	1427.7	516.4	82.6	0.922	0.954	1.001	0.094	0.954	0.002	-0.008	-0.40	0.12
8	11.000	0.974	1018.62	1424.2	514.9	82.1	0.922	0.955	1.001	0.093	0.954	0.002	-0.010	-0.61	0.12
9	11.333	0.976	1020.83	1427.0	516.9	82.3	0.926	0.956	1.001	0.088	0.956	0.002	-0.011	-0.65	0.13
10	11.666	0.975	1020.10	1425.1	515.8	82.2	0.930	0.961	1.001	0.081	0.961	0.002	-0.012	-0.69	0.13
11	12.000	0.976	1020.51	1424.6	515.8	82.4	0.938	0.965	1.001	0.070	0.965	0.002	-0.012	-0.69	0.11
12	12.333	0.979	1023.30	1431.0	519.7	82.2	0.943	0.969	1.000	0.062	0.969	0.002	-0.011	-0.67	0.13
13	12.666	0.975	1020.01	1421.1	514.4	82.0	0.960	0.987	1.001	0.028	0.987	0.002	-0.011	-0.63	0.11
14	13.000	0.979	1023.54	1424.7	517.5	82.3	0.980	1.001	1.000	-0.001	1.001	0.002	-0.010	-0.55	0.12
15	13.333	0.978	1022.58	1431.3	519.4	82.1	0.992	1.011	1.001	-0.022	1.011	0.002	-0.008	-0.45	0.13
16	13.666	0.974	1018.74	1422.6	514.3	82.0	0.995	1.018	1.001	-0.034	1.018	0.002	-0.006	-0.36	0.10
17	14.000	0.977	1021.24	1426.1	515.1	82.1	1.012	1.030	1.001	-0.059	1.030	0.002	-0.005	-0.27	0.11
18	14.333	0.976	1020.66	1431.0	518.5	81.8	1.022	1.039	1.001	-0.077	1.039	0.002	-0.003	-0.14	0.10
19	14.666	0.974	1018.95	1415.0	511.6	82.2	1.025	1.044	1.000	-0.087	1.044	0.002	-0.001	-0.03	0.10
20	15.000	0.979	1022.01	1432.6	519.7	82.0	1.045	1.057	1.001	-0.113	1.057	0.003	0.002	0.12	0.14
21	15.333	0.974	1018.54	1419.7	513.1	82.1	1.047	1.062	1.001	-0.123	1.062	0.003	0.004	0.23	0.18
22	15.666	0.978	1023.87	1428.9	518.9	82.7	1.069	1.076	1.001	-0.150	1.075	0.003	0.007	0.35	0.17
23	16.000	0.979	1022.56	1428.2	518.1	82.5	1.075	1.081	1.002	-0.160	1.081	0.003	0.008	0.45	0.18
24	16.333	0.977	1021.68	1423.1	515.8	82.4	1.082	1.088	1.001	-0.173	1.088	0.003	0.010	0.52	0.17
25	16.666	0.980	1023.54	1426.5	518.3	82.0	1.093	1.095	1.000	-0.188	1.094	0.004	0.012	0.61	0.21
26	17.000	0.976	1020.77	1426.0	516.3	82.6	1.097	1.101	1.001	-0.201	1.101	0.004	0.013	0.69	0.20
27	17.333	0.976	1021.38	1423.5	515.8	82.5	1.099	1.102	1.000	-0.204	1.102	0.004	0.014	0.72	0.19
28	17.666	0.978	1023.07	1427.7	518.1	82.7	1.104	1.105	0.999	-0.210	1.104	0.004	0.014	0.73	0.21
29	18.000	0.975	1019.84	1427.7	516.7	82.1	1.076	1.085	1.001	-0.169	1.085	0.004	0.010	0.51	0.20
30	18.333	0.976	1021.34	1422.7	515.4	82.7	1.021	1.038	1.001	-0.075	1.038	0.003	0.007	0.40	0.19
32	18.666	0.977	1021.59	1428.4	517.8	82.3	0.994	1.015	1.001	-0.028	1.015	0.004	0.008	0.43	0.20
33	19.000	0.975	1020.45	1425.4	516.0	82.5	0.941	0.970	1.002	0.062	0.970	0.003	0.009	0.55	0.18

TEST	PART	RPX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	956	3.000	-0.02	66	2.00	-5.00	6-302	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	10.333	0.975	1018.10	1471.3	514.1	80.8	0.942	0.971	0.999	0.056	0.971	0.000	0.001	0.04	0.03
5	11.000	0.974	1017.81	1470.6	513.6	80.8	0.935	0.966	1.002	0.070	0.966	0.001	-0.011	-0.63	0.04
6	11.666	0.975	1018.16	1419.7	513.6	80.4	0.936	0.966	1.001	0.070	0.966	0.001	-0.013	-0.79	0.05
7	12.333	0.977	1019.54	1470.1	514.6	80.4	0.940	0.968	1.001	0.065	0.968	0.001	-0.015	-0.88	0.05
8	13.000	0.977	1020.97	1470.4	515.1	81.0	0.943	0.970	1.001	0.061	0.970	0.000	-0.016	-0.92	0.01
9	13.666	0.978	1021.17	1421.1	515.7	80.7	0.966	0.989	1.001	0.023	0.989	-0.000	-0.015	-0.84	-0.00
10	14.333	0.976	1018.69	1417.8	513.4	80.3	0.976	1.000	1.001	0.002	1.000	-0.001	-0.012	-0.60	-0.07
11	15.000	0.977	1019.86	1416.5	513.5	80.4	0.994	1.015	1.000	-0.029	1.014	-0.002	-0.007	-0.42	-0.10
12	15.666	0.977	1020.31	1423.7	516.3	80.5	1.011	1.029	1.001	-0.056	1.029	-0.002	-0.001	-0.05	-0.14
13	16.333	0.976	1018.21	1470.4	514.6	80.4	1.022	1.039	1.002	-0.076	1.039	-0.003	0.006	0.31	-0.16
15	17.000	0.977	1020.55	1419.8	514.8	80.8	1.051	1.062	1.000	-0.173	1.062	-0.003	0.013	0.71	-0.15
16	17.666	0.977	1020.58	1473.3	516.2	80.7	1.074	1.081	1.001	-0.161	1.081	-0.003	0.021	1.12	-0.15
17	18.333	0.977	1020.06	1470.9	515.0	80.7	1.088	1.093	1.001	-0.184	1.092	-0.003	0.028	1.47	-0.16
18	19.000	0.977	1020.20	1419.5	514.6	80.7	0.938	0.966	0.999	0.066	0.966	-0.001	0.012	0.72	-0.03

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	861	2.996	-0.02	64	2.00	-3.00	6-307	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	10.000	0.974	1018.91	1425.3	515.1	82.4	0.937	0.960	1.003	0.068	0.968	0.003	-0.000	-0.00	0.17
3	10.333	0.975	1019.95	1427.0	516.5	82.1	0.929	0.960	1.000	0.081	0.960	0.004	-0.007	-0.43	0.24
4	10.666	0.975	1019.92	1424.8	515.5	82.5	0.926	0.958	1.001	0.087	0.957	0.004	-0.011	-0.64	0.26
5	11.000	0.976	1020.42	1425.5	516.2	82.1	0.926	0.957	1.001	0.087	0.957	0.005	-0.013	-0.78	0.28
6	11.333	0.975	1019.81	1424.2	515.4	82.2	0.926	0.958	1.002	0.088	0.957	0.005	-0.016	-0.96	0.27
7	11.666	0.977	1021.54	1426.3	516.9	82.4	0.930	0.959	1.000	0.082	0.959	0.004	-0.018	-1.09	0.26
8	12.000	0.977	1021.58	1426.9	517.3	82.1	0.933	0.962	1.001	0.078	0.961	0.003	-0.020	-1.10	0.21
9	12.333	0.978	1022.31	1425.9	517.2	82.3	0.936	0.964	1.001	0.074	0.963	0.003	-0.020	-1.21	0.17
10	12.665	0.978	1022.87	1424.9	517.3	82.0	0.940	0.966	1.000	0.067	0.966	0.002	-0.020	-1.21	0.13
12	13.000	0.978	1021.99	1426.2	517.3	82.1	0.943	0.970	1.001	0.061	0.970	0.001	-0.019	-1.15	0.08
13	13.333	0.977	1022.35	1425.1	516.8	82.7	0.963	0.988	1.001	0.026	0.987	0.000	-0.018	-1.06	0.02
14	13.666	0.976	1020.54	1427.0	516.7	82.3	0.972	0.997	1.000	0.006	0.997	0.000	-0.016	-0.95	0.01
15	14.000	0.976	1020.76	1424.9	515.9	82.6	0.978	1.002	1.001	-0.003	1.002	-0.000	-0.014	-0.82	-0.03
16	14.333	0.978	1022.43	1427.6	517.8	82.6	0.992	1.012	1.000	-0.024	1.012	-0.001	-0.011	-0.62	-0.05
17	14.666	0.977	1021.77	1427.0	517.3	82.3	0.999	1.019	1.001	-0.035	1.019	-0.001	-0.007	-0.40	-0.08
18	15.000	0.976	1020.33	1422.6	515.1	82.1	1.008	1.028	1.001	-0.053	1.028	-0.001	-0.002	-0.11	-0.04
19	15.333	0.977	1021.85	1425.3	517.2	82.1	1.024	1.040	1.000	-0.079	1.040	-0.000	0.003	0.10	-0.00
20	15.666	0.975	1019.90	1425.8	516.0	82.2	1.038	1.053	1.001	-0.105	1.053	-0.000	0.009	0.50	-0.01
21	16.000	0.977	1021.11	1423.1	515.8	81.8	1.055	1.066	1.000	-0.131	1.066	-0.000	0.014	0.76	-0.01
22	16.333	0.977	1021.40	1425.1	516.7	81.9	1.072	1.080	1.000	-0.159	1.080	0.000	0.020	1.04	0.02
23	16.666	0.976	1021.12	1424.8	516.2	82.4	1.084	1.090	1.000	-0.181	1.090	0.001	0.024	1.28	0.05
24	17.000	0.977	1021.94	1427.6	517.6	82.4	1.097	1.100	1.000	-0.199	1.099	0.002	0.029	1.51	0.09
25	17.333	0.976	1020.95	1425.6	516.3	82.5	1.108	1.110	1.000	-0.219	1.110	0.002	0.034	1.73	0.13
26	17.666	0.978	1022.97	1425.5	517.2	82.7	1.119	1.117	0.999	-0.234	1.116	0.004	0.037	1.92	0.19
27	18.000	0.976	1021.17	1429.3	517.7	82.7	1.105	1.108	0.999	-0.216	1.107	0.006	0.035	1.79	0.30
28	18.333	0.974	1019.01	1424.6	514.8	82.7	0.959	0.988	1.000	0.024	0.988	0.007	0.016	0.93	0.39
29	18.666	0.976	1022.01	1427.8	517.3	83.3	0.932	0.962	0.999	0.075	0.962	0.006	0.012	0.71	0.35
30	19.000	0.978	1023.51	1432.2	519.7	83.3	0.978	0.957	0.999	0.084	0.957	0.005	0.010	0.61	0.30

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	962	2.992	-0.02	68	2.00	-2.00	6-308	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
1	10.000	0.974	1019.28	1422.7	514.5	82.3	0.924	0.956	1.000	0.088	0.956	0.006	-0.005	-0.33	0.37
2	10.333	0.978	1022.77	1427.7	517.8	82.9	0.921	0.950	1.000	0.098	0.950	0.007	-0.008	-0.51	0.41
3	10.666	0.976	1020.97	1428.2	517.7	82.7	0.916	0.948	1.001	0.105	0.948	0.007	-0.014	-0.84	0.44
4	11.000	0.976	1021.26	1426.9	517.0	82.5	0.915	0.946	1.000	0.107	0.946	0.007	-0.020	-1.20	0.43
5	11.333	0.978	1022.83	1426.7	517.6	82.7	0.918	0.948	1.000	0.104	0.947	0.006	-0.024	-1.48	0.35
6	11.666	0.975	1020.71	1427.0	516.6	82.7	0.923	0.954	1.001	0.093	0.954	0.004	-0.027	-1.63	0.25
7	12.000	0.977	1022.10	1427.4	517.3	83.1	0.929	0.958	1.000	0.083	0.958	0.002	-0.029	-1.72	0.14
8	12.333	0.974	1019.62	1427.9	516.3	82.7	0.934	0.965	1.001	0.071	0.964	0.001	-0.029	-1.71	0.05
9	12.666	0.975	1020.50	1426.8	516.3	82.9	0.940	0.969	1.000	0.062	0.969	-0.000	-0.027	-1.60	-0.02
10	13.000	0.976	1021.05	1428.0	517.0	82.9	0.944	0.973	1.000	0.055	0.973	-0.001	-0.025	-1.46	-0.08
11	13.333	0.977	1021.35	1428.5	517.6	82.4	0.968	0.993	1.000	0.015	0.993	-0.002	-0.022	-1.28	-0.12
12	13.666	0.974	1018.66	1423.2	514.3	82.3	0.975	1.001	1.001	-0.001	1.001	-0.003	-0.019	-1.08	-0.15
13	14.000	0.977	1021.39	1426.2	516.9	82.3	0.992	1.013	0.999	-0.026	1.013	-0.003	-0.015	-0.84	-0.16
14	14.333	0.976	1020.87	1428.9	517.5	82.5	0.999	1.020	1.000	-0.040	1.020	-0.002	-0.010	-0.59	-0.14
15	14.666	0.975	1019.97	1427.6	516.6	82.3	1.007	1.028	1.001	-0.054	1.028	-0.002	-0.005	-0.26	-0.10
16	15.000	0.976	1021.15	1424.5	516.1	82.3	1.018	1.035	1.000	-0.070	1.035	0.000	0.002	0.11	0.03
17	15.333	0.978	1023.25	1429.4	519.4	82.7	1.035	1.047	1.000	-0.095	1.047	0.003	0.010	0.53	0.14
18	15.666	0.977	1021.91	1427.2	517.3	82.7	1.051	1.063	1.001	-0.125	1.063	0.005	0.016	0.87	0.25
19	16.000	0.979	1023.85	1426.6	518.0	83.0	1.074	1.080	0.999	-0.160	1.080	0.006	0.023	1.22	0.31
20	16.333	0.977	1022.75	1429.1	518.2	82.6	1.091	1.095	1.000	-0.190	1.095	0.007	0.030	1.55	0.34
21	16.666	0.976	1020.95	1424.0	515.5	82.9	1.104	1.107	1.000	-0.213	1.106	0.008	0.036	1.84	0.42
22	17.000	0.977	1021.87	1428.4	517.7	82.7	1.120	1.119	0.999	-0.238	1.118	0.009	0.040	2.07	0.47
23	17.333	0.977	1021.48	1428.2	517.6	82.3	1.124	1.122	0.999	-0.245	1.121	0.011	0.043	2.22	0.57
24	17.666	0.979	1023.11	1424.1	517.0	82.4	1.112	1.111	0.998	-0.223	1.110	0.015	0.040	2.09	0.78
25	18.000	0.975	1020.11	1426.1	515.9	82.9	1.007	1.028	0.998	-0.058	1.028	0.015	0.022	1.25	0.88
26	18.333	0.977	1022.05	1430.0	518.4	82.7	0.943	0.970	0.999	0.057	0.970	0.012	0.015	0.90	0.74
27	18.666	0.976	1020.80	1427.1	517.0	82.0	0.930	0.960	0.999	0.079	0.959	0.010	0.013	0.78	0.57
28	19.000	0.978	1023.52	1422.9	516.4	83.0	0.926	0.955	0.999	0.089	0.955	0.008	0.011	0.65	0.49

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	963	3.000	-0.02	60	2.00	-1.00	6-309	2- 8-77	TRANSONIC 4T

POINT	Y	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UL/VW	VL/VW	WL/VW	AAL	SWL
1	10.000	0.977	1022.15	1429.7	518.5	82.5	0.916	0.946	0.999	0.106	0.946	0.009	-0.005	-0.27	0.56
2	10.333	0.977	1021.75	1424.9	516.4	82.6	0.905	0.937	1.000	0.126	0.937	0.012	-0.011	-0.70	0.73
3	10.666	0.978	1023.30	1428.3	518.4	82.7	0.893	0.925	1.000	0.150	0.925	0.015	-0.026	-1.50	0.91
4	11.000	0.976	1021.38	1427.3	517.2	82.5	0.889	0.923	1.000	0.154	0.922	0.013	-0.041	-2.55	0.79
5	11.333	0.976	1020.53	1424.6	516.0	82.0	0.898	0.931	1.001	0.130	0.930	0.007	-0.051	-3.16	0.46
6	11.666	0.975	1020.55	1424.9	515.7	82.8	0.912	0.945	1.000	0.110	0.943	0.001	-0.055	-3.37	0.05
7	12.000	0.975	1022.14	1429.2	517.1	82.6	0.925	0.956	1.001	0.089	0.955	-0.004	-0.053	-3.17	-0.26
8	12.333	0.974	1019.14	1425.2	515.1	82.7	0.932	0.964	1.001	0.073	0.963	-0.007	-0.049	-2.91	-0.43
9	12.666	0.976	1021.51	1428.3	517.4	82.9	0.943	0.971	1.000	0.057	0.970	-0.008	-0.043	-2.51	-0.49
10	13.000	0.977	1022.63	1431.1	518.9	83.0	0.964	0.980	1.000	0.023	0.980	-0.009	-0.037	-2.13	-0.53
11	13.333	0.975	1019.97	1427.8	516.5	82.6	0.974	0.989	1.000	0.003	0.990	-0.009	-0.031	-1.80	-0.53
12	13.666	0.975	1020.30	1424.6	515.5	82.7	0.985	1.008	1.001	-0.016	1.008	-0.008	-0.026	-1.45	-0.46
13	14.000	0.977	1021.94	1428.7	517.9	82.6	0.999	1.019	1.000	-0.037	1.018	-0.007	-0.019	-1.06	-0.40
14	14.333	0.978	1020.14	1425.6	515.7	82.8	1.006	1.027	1.000	-0.053	1.027	-0.006	-0.012	-0.65	-0.34
15	14.666	0.976	1021.42	1426.3	516.7	82.8	1.024	1.041	1.001	-0.080	1.041	-0.004	-0.002	-0.14	-0.22
16	15.000	0.976	1021.00	1429.9	517.7	82.9	1.032	1.048	1.000	-0.096	1.048	0.000	0.006	0.35	0.00
17	15.333	0.975	1020.17	1427.9	516.7	82.5	1.043	1.057	1.000	-0.115	1.057	0.004	0.014	0.78	0.22
18	15.666	0.976	1021.02	1423.9	515.7	82.5	1.050	1.063	1.000	-0.175	1.062	0.009	0.022	1.18	0.46
19	16.000	0.978	1023.19	1427.9	518.8	82.6	1.060	1.069	1.000	-0.138	1.068	0.013	0.028	1.50	0.69
20	16.333	0.977	1021.85	1428.9	517.9	82.7	1.062	1.071	0.999	-0.145	1.071	0.016	0.033	1.76	0.86
21	16.666	0.977	1022.62	1426.7	517.4	82.9	1.065	1.073	0.998	-0.148	1.072	0.020	0.037	1.98	1.07
22	17.000	0.980	1024.88	1429.6	519.6	83.0	1.049	1.074	0.997	-0.152	1.073	0.023	0.040	2.12	1.22
23	17.333	0.978	1022.73	1428.9	518.3	82.8	1.049	1.077	0.998	-0.156	1.076	0.025	0.042	2.22	1.35
24	17.666	0.977	1021.54	1426.3	517.0	82.3	1.049	1.061	0.999	-0.124	1.060	0.026	0.037	2.01	1.39
25	18.000	0.977	1022.02	1426.5	517.0	82.9	1.010	1.029	0.999	-0.059	1.028	0.022	0.029	1.60	1.21
26	18.333	0.979	1023.92	1429.1	518.9	83.0	0.964	0.987	1.000	0.026	0.987	0.016	0.021	1.24	0.93
27	18.666	0.974	1020.33	1427.8	516.4	83.3	0.927	0.950	1.000	0.084	0.950	0.011	0.018	1.08	0.64
28	19.000	0.976	1021.33	1429.1	517.4	83.3	0.926	0.955	1.000	0.090	0.955	0.008	0.015	0.93	0.50

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	957	2.996	-0.02	68	4.00	-5.00	6	303	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
3	11.000	0.973	1016.83	1418.6	512.6	80.5	0.936	0.967	1.002	0.068	0.967	0.000	-0.009	-0.51	0.02
4	11.666	0.976	1019.17	1420.9	514.6	80.7	0.938	0.967	1.001	0.067	0.967	0.004	-0.010	-0.62	0.26
5	12.333	0.977	1019.73	1424.1	516.0	80.7	0.940	0.968	1.001	0.065	0.968	0.004	-0.012	-0.73	0.26
6	13.000	0.975	1018.52	1418.4	513.5	80.4	0.942	0.971	1.003	0.063	0.971	0.004	-0.014	-0.80	0.22
7	13.666	0.978	1020.72	1417.6	517.4	80.7	0.960	0.985	1.001	0.032	0.985	0.003	-0.014	-0.82	0.16
9	14.333	0.972	1015.92	1420.0	515.4	80.7	0.974	1.001	1.001	-0.000	1.001	0.001	-0.013	-0.72	0.07
10	15.000	0.971	1015.07	1413.6	509.9	80.7	0.980	1.008	1.002	-0.012	1.008	-0.001	-0.009	-0.49	-0.07
11	15.666	0.975	1018.73	1425.0	515.8	80.8	1.008	1.028	1.000	-0.056	1.028	-0.003	-0.003	-0.19	-0.17
12	16.333	0.974	1017.80	1426.4	515.7	81.0	1.020	1.039	1.002	-0.076	1.039	-0.005	0.004	0.21	-0.20
13	17.000	0.972	1016.10	1415.5	510.9	80.9	1.030	1.056	1.001	-0.110	1.056	-0.007	0.012	0.63	-0.35
14	17.666	0.979	1022.02	1422.9	516.5	81.2	1.070	1.077	0.999	-0.155	1.077	-0.008	0.020	1.04	-0.40
15	18.333	0.976	1020.06	1428.6	517.5	81.4	1.097	1.101	1.000	-0.200	1.100	-0.008	0.030	1.54	-0.43
16	19.000	0.975	1018.33	1415.0	512.0	80.7	0.931	0.962	1.001	0.078	0.962	-0.001	0.015	0.86	-0.08

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	964	3,004	-0,02	69	4.00	-3.00	6-310	3- 8-77	TRANSONIC 4T

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.977	1022.37	1428.6	518.9	82.8	0.929	0.958	1.001	0.084	0.958	0.008	-0.013	-0.75	0.67
4	11.333	0.976	1021.43	1428.5	517.5	82.7	0.930	0.960	1.001	0.082	0.960	0.011	-0.015	-0.87	0.68
5	11.666	0.975	1020.13	1423.8	515.3	82.4	0.930	0.961	1.002	0.081	0.961	0.012	-0.017	-1.01	0.73
6	12.000	0.978	1023.28	1427.9	518.3	82.7	0.933	0.961	1.000	0.079	0.961	0.012	-0.019	-1.12	0.73
7	12.333	0.976	1021.59	1426.8	517.7	82.7	0.935	0.964	1.001	0.074	0.963	0.012	-0.021	-1.24	0.73
8	12.666	0.975	1020.31	1423.9	515.3	82.7	0.937	0.967	1.002	0.069	0.967	0.012	-0.023	-1.36	0.68
9	13.000	0.978	1023.37	1425.1	518.3	83.0	0.941	0.968	1.000	0.065	0.967	0.010	-0.024	-1.41	0.62
10	13.333	0.976	1020.94	1431.8	518.4	82.9	0.944	0.973	1.001	0.056	0.972	0.009	-0.024	-1.40	0.56
11	13.666	0.973	1018.27	1427.8	515.5	82.8	0.961	0.990	1.002	0.023	0.989	0.007	-0.023	-1.36	0.39
12	14.000	0.973	1019.10	1425.7	515.2	82.9	0.972	0.998	1.001	0.005	0.998	0.005	-0.022	-1.27	0.26
13	14.333	0.976	1021.22	1429.6	517.7	83.0	0.983	1.006	1.001	-0.011	1.006	0.002	-0.020	-1.12	0.13
14	14.666	0.976	1021.63	1428.9	517.6	83.0	0.993	1.014	1.001	-0.026	1.014	-0.000	-0.016	-0.91	-0.01
15	15.000	0.977	1022.21	1426.5	517.1	83.0	1.010	1.028	1.002	-0.054	1.028	-0.002	-0.012	-0.65	-0.14
16	15.333	0.976	1021.40	1429.0	517.6	82.8	1.024	1.040	1.001	-0.079	1.040	-0.005	-0.006	-0.34	-0.28
17	15.666	0.977	1021.92	1425.6	516.6	83.0	1.034	1.048	1.002	-0.094	1.048	-0.006	-0.000	-0.01	-0.33
18	16.000	0.978	1023.76	1427.3	518.2	82.9	1.053	1.063	1.000	-0.125	1.063	-0.008	0.006	0.30	-0.42
19	16.333	0.978	1022.92	1429.8	518.7	82.8	1.071	1.078	1.000	-0.155	1.078	-0.008	0.012	0.64	-0.44
20	16.666	0.974	1021.48	1427.7	517.1	83.0	1.087	1.093	1.001	-0.184	1.092	-0.010	0.018	0.97	-0.51
21	17.000	0.978	1022.68	1427.5	518.0	82.4	1.102	1.103	0.999	-0.207	1.103	-0.010	0.025	1.31	-0.51
22	17.333	0.977	1021.92	1426.5	517.0	82.8	1.117	1.117	1.000	-0.233	1.116	-0.010	0.032	1.64	-0.52
23	17.666	0.978	1022.34	1426.7	517.4	82.5	1.131	1.127	0.999	-0.253	1.126	-0.010	0.038	1.95	-0.49
24	18.000	0.976	1021.28	1428.9	517.4	82.5	1.142	1.137	0.999	-0.274	1.136	-0.007	0.044	2.24	-0.36
25	18.333	0.977	1021.90	1425.5	516.9	82.2	1.077	1.084	0.999	-0.169	1.083	0.002	0.028	1.45	0.12
26	18.666	0.977	1021.93	1426.1	517.1	82.3	0.931	0.960	0.998	0.077	0.960	0.005	0.012	0.72	0.28
27	19.000	0.978	1023.06	1426.4	517.6	82.7	0.921	0.951	0.999	0.096	0.951	0.003	0.008	0.50	0.21

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	965	3.003	-0.02	66	4.00	-2.00	6-311	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	11.000	0.975	1020.71	1429.0	517.3	82.7	0.924	0.955	1.001	0.091	0.955	0.015	-0.013	-0.77	0.93
3	11.333	0.976	1021.55	1426.0	516.6	82.9	0.923	0.953	1.002	0.095	0.953	0.017	-0.016	-0.97	1.04
4	11.666	0.978	1022.91	1426.5	517.5	82.9	0.925	0.954	1.001	0.094	0.954	0.019	-0.019	-1.17	1.17
5	12.000	0.978	1022.85	1429.5	518.5	83.0	0.926	0.955	1.001	0.090	0.955	0.020	-0.024	-1.42	1.20
6	12.333	0.976	1021.88	1428.8	517.7	83.0	0.929	0.958	1.001	0.085	0.958	0.020	-0.027	-1.63	1.21
7	12.666	0.978	1022.77	1427.7	517.9	82.8	0.932	0.960	1.001	0.081	0.959	0.018	-0.030	-1.80	1.09
8	13.000	0.976	1021.59	1429.2	517.4	83.5	0.937	0.967	1.001	0.068	0.966	0.016	-0.032	-1.97	0.93
9	13.333	0.975	1021.00	1432.1	518.4	83.1	0.941	0.970	1.001	0.062	0.970	0.012	-0.033	-1.93	0.69
10	13.666	0.975	1020.74	1426.9	516.4	83.1	0.959	0.986	1.002	0.031	0.985	0.008	-0.032	-1.85	0.48
11	14.000	0.977	1022.38	1427.0	517.3	83.0	0.978	1.000	1.001	0.000	1.000	0.004	-0.029	-1.66	0.21
12	14.333	0.978	1023.05	1429.3	518.6	82.8	0.990	1.010	1.001	-0.019	1.010	0.000	-0.025	-1.42	0.01
13	14.666	0.976	1021.19	1426.8	516.7	82.8	1.000	1.021	1.001	-0.040	1.021	-0.003	-0.020	-1.11	-0.19
14	15.000	0.976	1021.23	1428.7	517.4	82.9	1.021	1.038	1.001	-0.075	1.038	-0.008	-0.012	-0.64	-0.42
15	15.333	0.976	1021.71	1429.6	517.9	83.1	1.051	1.063	1.001	-0.125	1.063	-0.010	-0.001	-0.08	-0.57
16	15.666	0.977	1022.09	1428.1	517.6	83.0	1.071	1.080	1.002	-0.156	1.079	-0.012	0.006	0.34	-0.64
17	16.000	0.977	1022.33	1428.0	517.6	83.1	1.092	1.096	1.001	-0.191	1.096	-0.013	0.015	0.78	-0.67
18	16.333	0.978	1023.22	1428.2	519.1	83.2	1.111	1.111	1.000	-0.221	1.111	-0.014	0.023	1.21	-0.72
19	16.666	0.977	1022.91	1429.1	518.2	83.3	1.130	1.126	1.000	-0.252	1.126	-0.014	0.032	1.65	-0.71
20	17.000	0.977	1022.09	1430.3	518.3	83.2	1.142	1.136	0.999	-0.273	1.136	-0.013	0.041	2.06	-0.66
21	17.333	0.978	1022.98	1427.0	517.6	83.0	1.153	1.144	0.998	-0.289	1.143	-0.011	0.048	2.41	-0.58
22	17.666	0.978	1023.75	1429.9	518.7	83.3	1.163	1.151	0.998	-0.304	1.150	-0.008	0.054	2.68	-0.42
23	18.000	0.976	1021.84	1427.1	517.0	83.1	1.101	1.104	0.999	-0.211	1.104	0.004	0.036	1.80	0.22
24	18.333	0.978	1024.38	1430.0	519.2	83.5	0.964	0.988	0.997	0.020	0.987	0.009	0.017	0.96	0.50
25	18.666	0.977	1022.48	1432.3	519.2	83.3	0.921	0.952	0.998	0.094	0.952	0.007	0.010	0.61	0.42
26	19.000	0.976	1021.64	1428.2	517.3	83.7	0.913	0.945	0.998	0.106	0.945	0.005	0.009	0.55	0.38

TEST	PART	RN/10-6	ALFA	WING	Y	Z	PWR SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	466	3.005	-0.02	68	4.00	-1.00	6-312	2- 8-77	TRANSONIC 4T

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	11.000	0.976	1020.95	1429.8	517.7	82.7	0.918	0.949	1.001	0.103	0.949	0.021	-0.011	-0.66	1.26
2	11.333	0.976	1021.51	1427.4	517.0	83.1	0.915	0.947	1.002	0.109	0.946	0.026	-0.014	-0.82	1.56
3	11.666	0.974	1020.70	1425.5	516.1	82.5	0.913	0.945	1.002	0.112	0.945	0.031	-0.019	-1.13	1.86
4	12.000	0.976	1021.96	1426.6	516.8	83.1	0.913	0.944	1.001	0.113	0.943	0.035	-0.027	-1.62	2.13
5	12.333	0.978	1023.46	1431.2	519.3	83.2	0.914	0.944	1.000	0.111	0.943	0.037	-0.036	-2.21	2.22
6	12.666	0.974	1020.93	1428.5	517.2	82.9	0.917	0.949	1.002	0.105	0.947	0.032	-0.048	-2.92	1.93
7	13.000	0.977	1022.37	1426.5	517.2	82.8	0.926	0.955	1.000	0.090	0.953	0.023	-0.054	-3.26	1.36
8	13.333	0.978	1023.37	1428.8	518.7	82.7	0.937	0.964	1.001	0.073	0.962	0.012	-0.054	-3.21	0.73
9	13.666	0.976	1021.07	1429.5	517.6	82.9	0.961	0.987	1.001	0.027	0.986	0.003	-0.050	-2.89	0.17
10	14.000	0.974	1020.90	1425.7	516.2	82.7	0.978	1.002	1.002	-0.002	1.001	-0.004	-0.043	-2.48	-0.23
11	14.333	0.978	1023.35	1428.6	518.4	83.0	0.999	1.018	1.000	-0.036	1.017	-0.009	-0.036	-2.01	-0.52
12	14.665	0.974	1021.31	1428.3	517.3	82.9	1.014	1.033	1.002	-0.062	1.032	-0.014	-0.027	-1.50	-0.78
13	15.000	0.978	1022.95	1427.5	517.8	83.1	1.022	1.037	1.000	-0.074	1.037	-0.019	-0.017	-0.93	-1.03
14	15.333	0.976	1022.00	1429.6	517.9	83.3	1.046	1.059	1.000	-0.117	1.059	-0.022	-0.005	-0.28	-1.19
15	15.466	0.977	1022.67	1431.2	518.9	83.2	1.080	1.086	1.000	-0.172	1.086	-0.023	0.007	0.37	-1.19
16	16.000	0.978	1023.04	1426.4	517.4	83.2	1.111	1.111	0.999	-0.223	1.110	-0.022	0.021	1.06	-1.15
17	16.333	0.977	1022.91	1429.1	518.2	83.3	1.140	1.134	0.998	-0.271	1.134	-0.022	0.033	1.69	-1.11
18	16.466	0.974	1021.44	1429.5	517.6	83.2	1.155	1.147	0.997	-0.296	1.146	-0.018	0.045	2.24	-0.88
19	17.000	0.974	1021.04	1429.1	517.5	82.8	1.161	1.152	0.997	-0.307	1.151	-0.015	0.051	2.56	-0.73
20	17.333	0.977	1022.22	1427.1	517.1	83.3	1.156	1.147	0.997	-0.297	1.146	-0.009	0.053	2.65	-0.47
21	17.466	0.976	1021.23	1429.6	517.8	82.8	1.099	1.103	0.997	-0.210	1.102	0.001	0.039	2.03	0.06
22	18.000	0.977	1022.15	1426.4	516.9	83.1	0.982	1.005	0.997	-0.014	1.004	0.008	0.024	1.37	0.46
23	18.333	0.980	1025.21	1429.5	519.6	83.3	0.930	0.957	0.997	0.081	0.957	0.008	0.016	0.98	0.49
24	18.466	0.976	1022.29	1430.7	518.4	83.5	0.916	0.947	0.999	0.104	0.947	0.006	0.012	0.76	0.38
25	19.000	0.976	1021.40	1429.0	517.5	83.1	0.911	0.944	0.999	0.112	0.943	0.004	0.011	0.64	0.28

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE
TC-484	958	2.960	-0.02	68	7.00	-5.00	6	304	2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	V∞	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	13.000	0.974	1017.72	1407.2	508.7	81.0	0.940	0.971	1.001	0.060	0.971	0.009	-0.013	-0.79	0.55
6	13.665	0.972	1016.20	1406.2	507.7	80.8	0.942	0.974	1.002	0.056	0.974	0.009	-0.014	-0.84	0.56
8	14.333	0.973	1016.71	1432.9	517.4	80.6	0.963	0.992	1.002	0.020	0.991	0.009	-0.015	-0.85	0.51
9	15.000	0.973	1016.71	1417.6	510.9	80.7	0.970	0.998	1.001	0.006	0.997	0.006	-0.014	-0.80	0.35
11	15.666	0.977	1020.42	1432.9	519.3	81.3	0.991	1.012	1.001	-0.072	1.012	0.004	-0.012	-0.66	0.21
12	16.333	0.973	1017.37	1410.2	509.5	81.1	0.999	1.022	1.002	-0.042	1.022	-0.001	-0.007	-0.42	-0.04
13	17.000	0.974	1018.06	1435.8	519.1	81.3	1.026	1.045	1.002	-0.086	1.045	-0.004	-0.002	-0.09	-0.21
14	17.666	0.973	1016.97	1404.6	507.3	81.2	1.048	1.064	1.002	-0.125	1.064	-0.008	0.007	0.36	-0.41
21	18.333	0.977	1021.11	1420.7	515.7	81.4	1.096	1.099	1.000	-0.198	1.099	-0.010	0.018	0.96	-0.50
22	19.000	0.976	1020.53	1413.1	512.0	81.6	0.979	1.002	1.000	-0.005	1.002	-0.005	0.013	0.73	-0.30

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	967	3.004	-0.02	68	7.00	-3.00	6-313	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	13.000	0.977	1022.59	1430.5	518.6	83.3	0.931	0.960	1.000	0.081	0.960	0.010	-0.013	-0.78	0.60
3	13.333	0.977	1022.56	1427.7	517.7	83.0	0.941	0.969	1.001	0.064	0.969	0.015	-0.014	-0.86	0.90
4	13.666	0.978	1023.50	1428.7	518.5	83.1	0.943	0.970	1.001	0.062	0.970	0.015	-0.016	-0.92	0.90
5	14.000	0.978	1023.25	1429.9	518.7	83.3	0.945	0.971	1.001	0.059	0.971	0.015	-0.016	-0.96	0.86
6	14.333	0.977	1022.07	1429.5	518.2	82.8	0.963	0.988	1.001	0.027	0.987	0.013	-0.017	-1.01	0.78
7	14.666	0.977	1022.47	1425.9	516.9	83.2	0.968	0.993	1.002	0.018	0.992	0.012	-0.018	-1.04	0.67
9	15.000	0.975	1020.52	1431.6	517.8	83.2	0.981	1.005	1.001	-0.008	1.005	0.010	-0.018	-1.04	0.54
10	15.333	0.973	1018.95	1427.6	515.8	82.9	0.986	1.011	1.001	-0.020	1.011	0.006	-0.018	-1.01	0.36
11	15.666	0.976	1021.25	1427.1	516.8	83.0	1.001	1.021	1.000	-0.042	1.021	0.002	-0.016	-0.87	0.13
12	16.000	0.975	1020.33	1428.5	516.8	83.0	1.014	1.034	1.002	-0.065	1.034	-0.002	-0.013	-0.73	-0.09
13	16.333	0.975	1020.88	1428.8	517.2	83.0	1.029	1.045	1.001	-0.089	1.045	-0.006	-0.010	-0.55	-0.30
14	16.666	0.976	1021.76	1427.3	517.2	82.9	1.048	1.060	1.001	-0.118	1.060	-0.009	-0.009	-0.26	-0.38
15	17.000	0.977	1022.53	1428.0	517.8	83.0	1.077	1.084	1.001	-0.166	1.084	-0.012	0.002	0.10	-0.62
16	17.333	0.979	1023.81	1429.3	518.7	83.4	1.110	1.109	1.001	-0.217	1.109	-0.013	0.012	0.61	-0.68
17	17.666	0.976	1021.62	1430.9	518.2	83.3	1.138	1.134	1.000	-0.260	1.134	-0.015	0.023	1.18	-0.76
18	18.000	0.976	1022.03	1428.0	517.4	83.2	1.148	1.141	0.999	-0.283	1.140	-0.020	0.030	1.51	-1.03
19	18.333	0.977	1022.57	1428.9	518.1	83.0	1.167	1.155	0.998	-0.311	1.154	-0.025	0.040	2.00	-1.26
20	18.666	0.977	1022.73	1427.5	517.5	83.4	1.079	1.044	0.999	-0.091	1.044	-0.010	0.015	0.85	-0.53
21	19.000	0.976	1021.97	1430.1	518.0	83.4	0.915	0.946	0.998	0.103	0.946	-0.006	0.007	0.42	-0.34

TEST	PART	PFX10-6	ALFL	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	968	2.996	-0.02	68	7.00	-2.00	6-314	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	13.000	0.974	1018.34	1427.6	515.9	83.1	0.937	0.968	1.002	0.066	0.968	0.019	-0.013	-0.76	1.11
4	13.333	0.976	1021.40	1428.3	517.2	83.3	0.940	0.969	1.001	0.063	0.969	0.020	-0.014	-0.84	1.16
5	13.666	0.978	1023.70	1432.0	519.4	83.4	0.941	0.968	1.000	0.064	0.968	0.020	-0.016	-0.95	1.20
6	14.000	0.977	1022.66	1429.9	518.4	83.3	0.941	0.969	1.001	0.064	0.969	0.020	-0.018	-1.05	1.21
7	14.333	0.977	1022.55	1427.7	517.5	83.3	0.943	0.971	1.002	0.061	0.971	0.020	-0.020	-1.17	1.15
8	14.666	0.978	1024.23	1428.7	519.1	83.3	0.964	0.987	1.001	0.027	0.987	0.018	-0.022	-1.27	1.03
9	15.000	0.978	1023.21	1429.8	518.8	83.0	0.975	0.997	1.001	0.007	0.997	0.014	-0.023	-1.35	0.80
10	15.333	0.975	1020.24	1426.7	516.1	83.0	0.990	1.013	1.002	-0.023	1.013	0.009	-0.024	-1.36	0.49
11	15.666	0.977	1022.06	1427.7	517.4	83.1	1.009	1.028	1.002	-0.053	1.027	0.002	-0.022	-1.24	0.13
12	16.000	0.977	1022.28	1430.3	518.3	83.4	1.032	1.047	1.001	-0.094	1.047	-0.005	-0.018	-0.99	-0.27
13	16.333	0.978	1023.37	1430.3	518.9	83.3	1.056	1.066	1.001	-0.130	1.066	-0.012	-0.012	-0.64	-0.62
14	16.666	0.976	1021.42	1428.5	517.4	83.0	1.091	1.096	1.001	-0.191	1.096	-0.016	-0.004	-0.18	-0.82
15	17.000	0.977	1022.48	1428.8	517.4	82.8	1.138	1.132	1.000	-0.263	1.132	-0.017	0.011	0.57	-0.85
17	17.333	0.977	1021.95	1429.3	517.3	83.0	1.169	1.158	0.999	-0.314	1.157	-0.021	0.025	1.26	-1.03
18	17.666	0.975	1020.95	1428.1	517.3	83.1	1.177	1.165	0.997	-0.332	1.164	-0.028	0.037	1.80	-1.39
19	18.000	0.977	1023.13	1428.1	517.7	83.9	1.196	1.178	0.997	-0.356	1.176	-0.033	0.051	2.48	-1.63
20	18.333	0.978	1024.44	1433.8	520.4	84.0	1.162	1.150	0.994	-0.305	1.149	-0.024	0.034	1.72	-1.21
21	18.666	0.973	1019.43	1426.7	515.5	83.3	0.907	0.942	0.996	0.110	0.942	-0.008	0.007	0.45	-0.51
22	19.000	0.976	1021.43	1427.8	517.2	83.0	0.906	0.938	0.995	0.115	0.938	-0.006	0.004	0.24	-0.37

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	969	3.001	-0.02	68	7.00	-1.00	6-315	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	13.000	0.976	1021.66	1429.9	517.8	83.4	0.935	0.965	1.001	0.072	0.965	0.021	-0.010	-0.59	1.26
3	13.333	0.977	1022.91	1429.3	518.2	83.5	0.937	0.965	1.002	0.073	0.965	0.024	-0.011	-0.66	1.46
4	13.666	0.976	1021.40	1428.3	517.2	83.1	0.937	0.967	1.002	0.069	0.966	0.026	-0.013	-0.76	1.55
5	14.000	0.977	1022.20	1429.2	518.1	82.8	0.938	0.966	1.001	0.069	0.965	0.029	-0.016	-0.93	1.70
6	14.333	0.979	1024.14	1428.3	518.5	83.4	0.938	0.965	1.001	0.071	0.964	0.030	-0.019	-1.14	1.81
7	14.666	0.976	1022.00	1431.1	518.2	83.9	0.940	0.969	1.002	0.064	0.968	0.030	-0.025	-1.50	1.79
8	15.000	0.975	1020.87	1431.7	518.1	83.7	0.943	0.972	1.002	0.059	0.971	0.027	-0.033	-1.96	1.58
9	15.333	0.975	1021.19	1425.2	515.9	83.3	0.971	0.996	1.002	0.011	0.995	0.016	-0.039	-2.25	0.96
10	15.666	0.979	1023.94	1428.8	518.7	83.3	1.008	1.025	1.001	-0.049	1.025	0.002	-0.040	-2.26	0.11
11	16.000	0.974	1019.65	1431.8	517.6	83.1	1.041	1.057	1.001	-0.113	1.056	-0.013	-0.035	-1.88	-0.70
12	16.333	0.974	1019.65	1427.1	515.8	83.2	1.101	1.106	1.001	-0.211	1.106	-0.022	-0.018	-0.95	-1.15
13	16.666	0.977	1022.31	1428.8	517.8	83.3	1.174	1.162	1.000	-0.322	1.161	-0.023	0.007	0.34	-1.11
14	17.000	0.975	1020.91	1431.6	518.1	83.3	1.202	1.184	0.997	-0.368	1.183	-0.033	0.027	1.31	-1.61
15	17.333	0.975	1021.01	1427.4	516.7	83.1	1.218	1.196	0.996	-0.394	1.194	-0.043	0.050	2.40	-2.04
16	17.666	0.978	1023.15	1427.7	517.9	83.2	1.230	1.203	0.992	-0.411	1.200	-0.048	0.069	3.30	-2.28
17	18.000	0.976	1021.61	1428.5	517.5	83.0	1.179	1.166	0.990	-0.342	1.165	-0.037	0.033	1.62	-1.83
18	18.333	0.978	1023.93	1429.0	518.5	83.7	0.930	0.958	0.990	0.068	0.958	-0.018	0.007	0.43	-1.09
19	18.666	0.975	1021.25	1431.0	517.8	83.8	0.905	0.939	0.994	0.112	0.939	-0.011	0.006	0.34	-0.78
20	19.000	0.976	1021.79	1430.1	518.1	83.0	0.904	0.937	0.994	0.117	0.937	-0.010	0.004	0.24	-0.59

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	970	2.000	-0.07	68	-4.00	-5.00	6-316	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	11.000	0.972	1018.54	1430.7	516.5	83.4	0.960	0.972	1.001	0.058	0.972	0.013	-0.013	-0.76	0.78
5	12.333	0.974	1018.62	1431.4	517.4	83.3	0.940	0.970	1.001	0.062	0.970	-0.009	-0.013	-0.74	-0.54
6	13.666	0.975	1020.56	1426.2	516.1	83.0	0.960	0.987	1.002	0.029	0.987	-0.008	-0.014	-0.81	-0.46
9	15.000	0.978	1022.83	1429.1	518.4	82.9	0.991	1.011	1.001	-0.021	1.011	-0.003	-0.009	-0.50	-0.19
10	16.333	0.977	1022.49	1428.8	517.9	83.3	1.070	1.037	1.002	-0.071	1.037	0.002	0.003	0.18	0.12
13	17.666	0.978	1023.74	1430.1	518.9	83.5	1.070	1.077	1.000	-0.154	1.077	0.006	0.019	1.01	0.33
14	19.000	0.974	1019.82	1428.9	516.4	83.6	0.929	0.961	1.000	0.078	0.961	-0.002	0.014	0.85	-0.14

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	971	2.997	-0.02	68	-4.00	-3.00	6-317	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
3	11.000	0.971	1017.87	1431.3	516.1	83.7	0.929	0.963	1.001	0.075	0.963	-0.008	-0.009	-0.53	-0.90
4	12.333	0.972	1018.32	1428.8	515.8	83.0	0.934	0.966	1.002	0.071	0.966	-0.011	-0.018	-1.07	-0.65
5	13.466	0.976	1021.57	1429.8	516.7	83.3	0.959	0.986	1.001	0.031	0.986	-0.005	-0.021	-1.20	-0.31
8	15.000	0.976	1021.93	1429.3	517.7	83.4	1.011	1.030	1.002	-0.057	1.029	0.005	-0.007	-0.41	0.31
9	16.333	0.976	1022.07	1430.0	518.1	83.2	1.068	1.077	1.001	-0.153	1.077	0.012	0.014	0.74	0.66
10	17.466	0.975	1021.26	1428.6	517.2	83.3	1.133	1.131	1.000	-0.261	1.130	0.014	0.041	2.08	0.70
11	19.000	0.974	1019.60	1431.0	517.1	83.3	0.918	0.952	0.999	0.095	0.952	0.001	0.013	0.78	0.83

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	972	2,995	-0.02	58	-4.00	-1.00	6-318	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	11.000	0.971	1017.45	1429.8	515.5	83.5	0.917	0.953	1.001	0.096	0.953	-0.020	-0.008	-0.50	-1.22
4	12.333	0.973	1019.34	1428.7	516.2	83.2	0.913	0.947	1.001	0.108	0.946	-0.036	-0.035	-2.13	-2.20
5	13.666	0.974	1021.57	1429.8	517.8	83.1	0.960	0.986	1.001	0.029	0.985	-0.003	-0.049	-2.85	-0.20
6	15.000	0.977	1022.18	1429.2	517.9	83.3	1.013	1.031	1.001	-0.060	1.031	0.019	-0.017	-0.92	1.07
7	16.333	0.976	1021.58	1427.9	517.2	83.0	1.140	1.135	0.998	-0.272	1.135	0.025	0.033	1.66	1.28
8	17.666	0.975	1020.89	1428.3	516.8	83.4	1.082	1.090	0.996	-0.184	1.089	0.002	0.036	1.91	0.12
9	19.000	0.976	1021.57	1430.1	517.8	83.4	0.916	0.948	1.000	0.105	0.948	-0.001	0.010	0.61	-0.08

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	973	3.004	-0.02	60	-7.00	-5.00	6-319	2- 8-77	TRANSONIC 4T

POINT	X	W	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
5	13.666	0.977	1022.45	1429.5	518.3	83.0	0.937	0.965	1.001	0.072	0.965	-0.008	-0.008	-0.49	-0.49
6	15.000	0.976	1022.16	1428.1	517.4	83.5	0.976	1.000	1.001	0.002	1.000	-0.008	-0.004	-0.25	-0.48
7	16.333	0.978	1023.49	1431.6	519.4	83.3	1.005	1.023	1.001	-0.045	1.023	-0.001	0.002	0.10	-0.03
8	17.666	0.974	1019.99	1428.8	516.6	83.2	1.052	1.066	1.001	-0.130	1.066	0.007	0.015	0.79	0.37
9	19.000	0.978	1023.27	1427.3	517.7	83.4	1.032	1.046	1.000	-0.093	1.046	0.006	0.023	1.26	0.33

TEST	PART	REX10-6	ALPA	WING	Y	Z	RAW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	974	3.006	-0.02	68	-7.00	-3.00	6-330	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	13.466	0.976	1021.70	1432.7	518.8	83.5	0.942	0.971	1.002	0.061	0.970	-0.014	-0.008	-0.47	-0.88
3	15.000	0.978	1023.74	1427.9	518.2	83.4	0.973	0.995	1.001	0.012	0.995	-0.009	-0.011	-0.61	-0.54
4	16.133	0.977	1023.37	1429.5	518.4	83.6	1.029	1.044	1.000	-0.048	1.044	0.006	-0.002	-0.11	0.32
5	17.466	0.975	1021.47	1433.4	518.8	83.8	1.135	1.132	1.000	-0.264	1.132	0.017	0.029	1.47	0.87
6	19.000	0.974	1020.78	1429.4	516.9	83.8	0.914	0.947	0.998	0.103	0.947	0.007	0.013	0.81	0.40

TEST	PART	RFX10-6	ALPA	WING	Y	Z	RUN	SURVEY
TC-484	975	3.005	-0.02	68	-7.00	-1.00	6-321	

DATE 2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	13.666	0.977	1022.48	1431.4	518.0	83.3	0.938	0.966	1.002	0.071	0.965	-0.027	-0.003	-0.17	-1.60
3	15.000	0.975	1021.08	1427.0	516.5	83.3	0.943	0.972	1.001	0.059	0.971	-0.029	-0.025	-1.46	-1.71
4	16.333	0.973	1019.49	1429.0	516.3	83.4	1.107	1.112	1.001	-0.222	1.112	0.019	-0.007	-0.36	0.97
5	17.666	0.972	1018.00	1431.7	516.5	83.4	1.219	1.201	0.993	-0.406	1.198	0.069	0.070	3.34	2.36
6	19.000	0.973	1019.19	1428.8	516.1	83.3	0.902	0.938	0.994	0.114	0.938	0.007	0.012	0.71	0.66

TEST	PAPT	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	977	2.997	0.01	64	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VPL/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
6	-6.000	0.977	1022.84	1427.7	517.6	83.4	0.968	0.992	1.002	0.018	0.992	0.002	0.007	0.38	0.11
7	-5.500	0.977	1022.50	1431.4	519.0	82.9	0.970	0.993	1.001	0.014	0.993	0.003	0.007	0.38	0.15
8	-5.000	0.972	1018.61	1428.1	515.6	83.3	0.961	0.990	1.002	0.023	0.990	0.002	0.006	0.34	0.12
9	-4.500	0.972	1018.63	1428.5	515.7	83.4	0.960	0.989	1.001	0.023	0.989	0.002	0.006	0.36	0.10
10	-4.000	0.972	1019.39	1431.3	516.6	83.3	0.961	0.990	1.001	0.021	0.990	0.002	0.006	0.34	0.11
11	-3.500	0.971	1017.22	1429.9	515.5	83.3	0.944	0.977	1.001	0.048	0.977	0.002	0.005	0.32	0.11
13	-3.000	0.971	1017.37	1427.6	515.0	83.0	0.944	0.976	1.001	0.049	0.976	0.002	0.005	0.31	0.12
14	-2.500	0.973	1018.66	1430.0	516.3	83.2	0.944	0.975	1.001	0.051	0.975	0.002	0.005	0.28	0.12
15	-2.000	0.973	1018.64	1428.4	516.0	83.8	0.944	0.975	1.001	0.052	0.975	0.002	0.005	0.28	0.12
16	-1.500	0.973	1018.63	1430.1	516.5	83.0	0.960	0.989	1.002	0.026	0.988	0.002	0.004	0.24	0.12
17	-1.000	0.971	1018.05	1429.1	515.4	83.7	0.943	0.975	1.001	0.052	0.975	0.002	0.004	0.21	0.10
18	-0.500	0.976	1021.44	1431.5	518.4	83.2	0.960	0.986	1.000	0.028	0.986	0.002	0.003	0.18	0.13
19	0.000	0.974	1019.92	1428.7	516.4	83.4	0.944	0.974	1.002	0.055	0.974	0.002	0.002	0.13	0.13
20	0.500	0.973	1019.58	1428.8	516.3	83.4	0.944	0.975	1.001	0.052	0.975	0.002	0.002	0.12	0.10
21	1.000	0.973	1019.55	1431.7	517.0	84.0	0.945	0.975	1.001	0.051	0.975	0.002	0.001	0.07	0.10
22	1.500	0.974	1020.52	1430.0	517.1	83.6	0.945	0.974	1.002	0.054	0.974	0.002	0.000	0.02	0.10
23	2.000	0.974	1020.43	1428.7	516.4	83.7	0.944	0.974	1.001	0.054	0.974	0.002	-0.000	-0.02	0.11
24	2.500	0.974	1020.41	1432.9	519.0	83.8	0.961	0.989	1.001	0.024	0.989	0.002	-0.001	-0.07	0.10
25	3.000	0.972	1018.71	1430.5	516.3	83.7	0.958	0.988	1.001	0.026	0.988	0.001	-0.001	-0.08	0.08
26	3.500	0.977	1023.24	1430.5	518.5	84.1	0.966	0.991	1.000	0.019	0.991	0.002	-0.002	-0.11	0.10
27	4.000	0.976	1022.52	1434.8	519.8	83.9	0.969	0.993	1.001	0.015	0.993	0.002	-0.002	-0.13	0.11
28	4.500	0.974	1019.87	1430.6	517.0	83.5	0.964	0.992	1.002	0.019	0.992	0.001	-0.002	-0.13	0.07
29	5.000	0.976	1019.73	1422.5	514.3	83.0	0.964	0.992	1.001	0.018	0.992	0.002	-0.003	-0.16	0.09
30	5.500	0.978	1023.45	1436.5	521.0	83.6	0.977	1.000	1.000	0.001	1.000	0.002	-0.003	-0.15	0.09
31	6.000	0.975	1021.57	1434.1	519.2	83.6	0.973	0.998	1.002	0.007	0.998	0.002	-0.002	-0.13	0.11
32	6.500	0.974	1019.55	1425.1	515.0	83.3	0.968	0.995	1.002	0.013	0.995	0.002	-0.002	-0.10	0.10
33	7.000	0.974	1021.56	1429.9	517.7	83.4	0.977	1.002	1.001	-0.002	1.001	0.002	-0.001	-0.04	0.12
34	7.500	0.973	1018.90	1429.1	515.7	83.4	0.971	0.999	1.003	0.007	0.999	0.002	0.000	0.01	0.09
35	8.000	0.971	1017.63	1417.8	511.4	83.2	0.966	0.995	1.002	0.014	0.995	0.001	0.000	0.01	0.08
37	8.500	0.971	1017.22	1443.3	520.2	83.6	0.971	1.000	1.002	0.002	1.000	0.002	0.001	0.05	0.13
39	9.000	0.977	1023.16	1421.0	515.3	83.5	0.966	0.990	1.000	0.021	0.990	0.002	0.001	0.03	0.09
40	9.500	0.978	1024.29	1435.5	521.1	83.7	0.975	0.997	1.000	0.007	0.997	0.002	0.002	0.09	0.11
41	10.000	0.974	1020.47	1427.0	516.0	83.6	0.944	0.974	1.003	0.056	0.974	0.002	0.001	0.06	0.11
42	10.500	0.976	1022.61	1423.5	515.7	84.0	0.960	0.986	1.000	0.028	0.986	0.001	0.000	0.02	0.08
43	11.000	0.977	1023.22	1439.4	521.6	84.4	0.966	0.991	1.001	0.019	0.991	0.002	0.000	0.02	0.13
44	11.500	0.972	1018.34	1433.5	517.5	84.1	0.943	0.975	1.001	0.052	0.975	0.001	-0.000	-0.01	0.07
45	12.000	0.973	1019.04	1428.0	515.7	83.5	0.944	0.975	1.001	0.050	0.975	0.001	-0.000	-0.00	0.07
46	12.500	0.976	1021.92	1434.6	519.4	83.9	0.965	0.991	1.001	0.020	0.991	0.002	-0.000	-0.02	0.09
47	13.000	0.974	1020.76	1432.1	517.8	84.0	0.959	0.987	1.002	0.079	0.987	0.001	-0.000	-0.02	0.07
48	13.500	0.978	1023.21	1429.1	518.3	83.4	0.965	0.989	1.001	0.023	0.989	0.002	-0.001	-0.03	0.09
49	14.000	0.978	1023.94	1430.5	519.0	83.9	0.970	0.993	1.001	0.016	0.993	0.002	-0.000	-0.01	0.09
50	14.500	0.976	1021.81	1434.0	519.3	83.5	0.969	0.994	1.002	0.015	0.994	0.002	-0.000	-0.01	0.09
51	15.000	0.977	1022.86	1430.5	518.4	83.9	0.969	0.993	1.002	0.016	0.993	0.001	0.000	0.02	0.08
53	15.500	0.977	1022.82	1429.7	518.2	83.7	0.974	0.997	1.001	0.007	0.997	0.001	0.001	0.07	0.09

TEST	PART	RPX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	977	2.997	0.01	40	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
54	16.000	0.977	1023.25	1432.9	519.4	84.0	0.977	1.000	1.001	0.001	1.000	0.002	0.002	0.12	0.10
55	16.500	0.977	1023.05	1435.4	520.4	83.6	0.979	1.002	1.001	-0.002	1.002	0.002	0.003	0.17	0.10
56	17.000	0.977	1022.80	1427.8	517.7	83.3	0.977	1.000	1.002	0.003	1.000	0.002	0.005	0.27	0.11
57	17.500	0.977	1022.78	1425.6	516.8	83.5	0.986	1.008	1.001	-0.014	1.008	0.002	0.006	0.36	0.10
58	18.000	0.977	1022.53	1434.6	519.9	83.5	0.991	1.012	1.001	-0.023	1.012	0.002	0.008	0.46	0.12
59	18.500	0.974	1020.34	1431.1	517.5	83.4	0.988	1.011	1.003	-0.019	1.011	0.002	0.010	0.58	0.10
60	19.000	0.979	1024.48	1426.0	517.8	83.5	0.993	1.012	1.001	-0.022	1.012	0.002	0.013	0.74	0.10
61	19.500	0.977	1022.56	1430.3	518.4	83.5	0.987	1.009	1.001	-0.016	1.009	0.001	0.014	0.80	0.08
62	20.000	0.976	1021.52	1430.0	517.8	83.3	0.968	0.993	1.002	0.016	0.993	0.002	0.013	0.73	0.12
63	20.500	0.978	1023.43	1427.5	518.0	83.2	0.964	0.988	1.001	0.025	0.988	0.002	0.012	0.71	0.09
64	21.000	0.979	1024.51	1429.0	518.8	83.8	0.966	0.990	1.001	0.072	0.989	0.002	0.012	0.67	0.10
65	21.500	0.977	1023.40	1433.7	519.8	83.9	0.965	0.990	1.001	0.022	0.990	0.001	0.010	0.61	0.08
66	22.000	0.978	1024.45	1430.2	519.1	84.0	0.962	0.986	1.001	0.029	0.986	0.001	0.010	0.57	0.08
68	22.500	0.976	1021.86	1434.1	519.4	83.5	0.966	0.991	1.002	0.020	0.991	0.002	0.010	0.55	0.10
69	23.000	0.974	1020.52	1430.9	517.5	83.5	0.960	0.988	1.002	0.028	0.988	0.001	0.009	0.53	0.08
70	23.500	0.976	1021.88	1421.6	514.8	83.6	0.964	0.990	1.001	0.022	0.990	0.001	0.009	0.53	0.08
71	24.000	0.976	1021.91	1445.1	523.4	83.4	0.969	0.994	1.001	0.013	0.994	0.002	0.009	0.53	0.09

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	978	2.998	0.01	68	10.00	-10.00		7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
2	-6.000	0.971	1017.87	1432.6	516.5	83.9	0.963	0.993	1.001	0.014	0.993	0.002	0.006	0.36	0.12
3	-5.500	0.971	1017.65	1429.1	515.4	83.3	0.960	0.990	1.002	0.023	0.990	0.002	0.000	0.02	0.12
4	-5.000	0.973	1019.80	1431.1	517.0	83.9	0.963	0.991	1.001	0.020	0.991	0.002	0.000	0.01	0.12
5	-4.500	0.973	1019.95	1438.1	519.6	84.0	0.966	0.994	1.001	0.014	0.994	0.002	-0.000	-0.00	0.13
7	-4.000	0.976	1021.72	1425.5	516.1	83.6	0.963	0.989	1.001	0.023	0.989	0.002	0.000	0.01	0.14
8	-3.500	0.974	1021.53	1435.5	519.8	83.3	0.967	0.992	1.001	0.018	0.992	0.003	-0.000	-0.02	0.16
9	-3.000	0.972	1018.08	1426.1	514.5	83.5	0.943	0.975	1.003	0.054	0.975	0.002	-0.000	-0.02	0.15
10	-2.500	0.976	1021.83	1426.6	516.7	83.3	0.963	0.989	1.001	0.024	0.989	0.003	-0.000	-0.02	0.15
11	-2.000	0.977	1023.13	1433.4	519.7	83.7	0.964	0.989	1.001	0.024	0.989	0.003	-0.001	-0.05	0.17
12	-1.500	0.975	1020.82	1433.3	518.6	83.5	0.959	0.986	1.002	0.030	0.986	0.003	-0.001	-0.07	0.19
13	-1.000	0.974	1019.86	1426.8	516.5	83.3	0.944	0.974	1.002	0.055	0.974	0.003	-0.001	-0.09	0.19
14	-0.500	0.974	1019.73	1428.0	516.1	83.3	0.944	0.974	1.002	0.055	0.974	0.004	-0.002	-0.12	0.22
15	0.000	0.974	1020.16	1429.9	517.0	83.4	0.944	0.974	1.001	0.053	0.974	0.004	-0.003	-0.15	0.23
16	0.500	0.974	1019.90	1430.5	517.1	83.3	0.944	0.974	1.001	0.053	0.974	0.004	-0.003	-0.18	0.24
17	1.000	0.972	1017.72	1429.2	515.6	83.1	0.943	0.975	1.002	0.053	0.975	0.005	-0.003	-0.19	0.27
18	1.500	0.973	1019.22	1427.6	515.8	83.1	0.943	0.974	1.001	0.054	0.974	0.005	-0.004	-0.25	0.27
19	2.000	0.973	1019.36	1428.6	516.1	83.4	0.945	0.975	1.001	0.052	0.975	0.005	-0.004	-0.25	0.30
20	2.500	0.973	1019.74	1431.5	517.3	83.6	0.959	0.987	1.001	0.027	0.987	0.006	-0.005	-0.28	0.33
21	3.000	0.972	1018.50	1430.3	516.2	83.5	0.959	0.988	1.002	0.026	0.988	0.006	-0.005	-0.31	0.33
22	3.500	0.973	1019.60	1428.9	516.2	83.7	0.961	0.989	1.001	0.024	0.989	0.006	-0.006	-0.32	0.33
23	4.000	0.974	1019.66	1432.6	517.7	83.4	0.964	0.992	1.001	0.018	0.991	0.006	-0.006	-0.32	0.33
24	4.500	0.972	1018.14	1428.2	515.3	83.5	0.961	0.991	1.002	0.022	0.990	0.006	-0.006	-0.34	0.34
25	5.000	0.972	1017.95	1430.7	516.0	83.2	0.966	0.995	1.001	0.012	0.995	0.006	-0.006	-0.33	0.35
26	5.500	0.972	1018.13	1428.7	515.5	83.3	0.967	0.996	1.002	0.011	0.996	0.005	-0.006	-0.33	0.32
27	6.000	0.972	1018.31	1429.3	515.5	83.2	0.970	0.998	1.002	0.007	0.998	0.005	-0.006	-0.33	0.30
28	6.500	0.974	1020.08	1431.4	517.3	83.7	0.972	0.999	1.001	0.004	0.999	0.005	-0.005	-0.30	0.29
29	7.000	0.973	1018.66	1430.3	516.6	84.0	0.971	0.998	1.001	0.005	0.998	0.005	-0.005	-0.28	0.26
30	7.500	0.972	1019.08	1432.3	517.1	83.8	0.974	1.001	1.002	-0.000	1.001	0.004	-0.004	-0.25	0.23
31	8.000	0.972	1018.47	1430.6	516.4	83.4	0.968	0.996	1.002	0.010	0.996	0.003	-0.004	-0.22	0.20
32	8.500	0.975	1021.01	1427.1	516.4	83.5	0.971	0.996	1.001	0.008	0.996	0.003	-0.004	-0.22	0.19
33	9.000	0.977	1022.68	1432.0	519.0	83.6	0.971	0.995	1.001	0.011	0.995	0.003	-0.004	-0.20	0.20
34	9.500	0.975	1020.77	1429.0	517.0	83.3	0.965	0.992	1.002	0.020	0.992	0.004	-0.004	-0.22	0.21
35	10.000	0.977	1022.75	1429.6	518.1	83.7	0.964	0.989	1.001	0.024	0.989	0.004	-0.004	-0.22	0.21
36	10.500	0.976	1022.30	1430.4	518.2	83.7	0.963	0.989	1.002	0.025	0.989	0.004	-0.004	-0.23	0.21
37	11.000	0.977	1022.99	1432.2	519.3	83.5	0.963	0.988	1.001	0.025	0.988	0.004	-0.004	-0.26	0.22
38	11.500	0.977	1022.14	1430.1	518.3	83.1	0.959	0.985	1.001	0.033	0.985	0.004	-0.005	-0.27	0.25
39	12.000	0.977	1022.99	1426.6	517.1	83.9	0.961	0.986	1.001	0.030	0.986	0.005	-0.005	-0.28	0.27
40	12.500	0.977	1023.74	1432.0	519.3	84.2	0.964	0.988	1.002	0.025	0.988	0.005	-0.005	-0.31	0.28
41	13.000	0.977	1023.50	1433.9	520.0	83.8	0.963	0.988	1.001	0.027	0.988	0.005	-0.005	-0.30	0.29
42	13.500	0.976	1021.18	1429.7	517.6	83.1	0.960	0.987	1.003	0.030	0.987	0.005	-0.006	-0.32	0.28
43	14.000	0.977	1022.60	1425.8	517.0	83.0	0.966	0.990	1.001	0.022	0.990	0.005	-0.005	-0.31	0.29
44	14.500	0.976	1021.62	1431.3	518.3	83.3	0.969	0.994	1.001	0.013	0.994	0.005	-0.005	-0.31	0.27
45	15.000	0.977	1022.33	1429.7	519.1	83.3	0.968	0.993	1.002	0.017	0.993	0.004	-0.006	-0.32	0.25
46	15.500	0.977	1022.99	1427.5	517.4	83.8	0.972	0.996	1.001	0.011	0.996	0.004	-0.005	-0.29	0.24

TEST	PART	PEX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	978	2.998	0.01	60	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SNTL
48	16.000	0.975	1023.51	1431.5	518.1	83.7	0.978	1.002	1.001	-0.003	1.002	0.004	-0.004	-0.23	0.21
49	16.500	0.978	1024.55	1432.4	519.9	84.1	0.981	1.002	1.001	-0.002	1.002	0.003	-0.004	-0.21	0.18
50	17.000	0.978	1023.89	1432.8	519.8	83.9	0.984	1.005	1.002	-0.007	1.005	0.002	-0.002	-0.13	0.11
51	17.500	0.976	1021.80	1428.4	517.2	83.7	0.985	1.008	1.001	-0.014	1.008	0.001	-0.001	-0.05	0.04
53	18.000	0.978	1023.34	1432.1	519.5	83.3	0.995	1.015	1.001	-0.028	1.015	-0.000	0.001	0.06	-0.02
54	18.500	0.977	1022.72	1428.8	517.9	83.6	0.997	1.017	1.002	-0.032	1.017	-0.002	0.004	0.20	-0.10
55	19.000	0.978	1023.64	1429.2	518.6	83.3	1.005	1.023	1.001	-0.044	1.023	-0.003	0.007	0.38	-0.18
57	19.500	0.977	1022.36	1431.2	518.7	83.3	0.992	1.013	1.002	-0.023	1.013	-0.004	0.009	0.50	-0.20
58	20.000	0.978	1024.07	1429.1	518.7	83.6	0.966	0.989	1.001	0.023	0.989	-0.003	0.007	0.40	-0.17
59	20.500	0.978	1023.51	1430.8	519.1	83.5	0.960	0.985	1.001	0.033	0.985	-0.002	0.005	0.32	-0.13
60	21.000	0.978	1023.73	1429.0	518.6	83.4	0.944	0.971	1.002	0.062	0.971	-0.001	0.004	0.27	-0.08
61	21.500	0.979	1024.72	1429.4	519.0	83.8	0.960	0.984	1.001	0.035	0.984	-0.001	0.004	0.21	-0.06
62	22.000	0.977	1022.92	1431.0	519.8	83.6	0.961	0.986	1.001	0.029	0.986	-0.001	0.003	0.17	-0.04
63	22.500	0.976	1021.80	1431.1	518.3	83.5	0.961	0.987	1.001	0.029	0.987	-0.000	0.003	0.16	-0.02
64	23.000	0.977	1022.38	1428.7	517.7	83.4	0.962	0.987	1.002	0.028	0.987	-0.000	0.003	0.13	-0.00
65	23.500	0.977	1023.28	1428.2	517.9	83.7	0.965	0.990	1.001	0.022	0.990	-0.001	0.002	0.13	-0.03
66	24.000	0.979	1024.49	1431.7	519.8	83.6	0.968	0.991	1.001	0.019	0.991	-0.000	0.002	0.12	-0.01

TEST	PART	REX10-6	ALPHA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	979	2.992	0.01	68	14.14	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
7	-6.000	0.971	1018.06	1430.1	515.6	84.1	0.944	0.977	1.001	0.048	0.977	0.002	0.003	0.19	0.11
8	-5.500	0.973	1019.14	1433.1	517.6	83.4	0.961	0.989	1.000	0.022	0.989	0.002	0.003	0.18	0.12
9	-5.000	0.972	1017.79	1429.8	515.8	83.3	0.945	0.977	1.002	0.051	0.977	0.002	0.003	0.18	0.11
10	-4.500	0.973	1019.48	1429.2	516.4	83.4	0.960	0.989	1.001	0.024	0.989	0.002	0.003	0.17	0.12
11	-4.000	0.974	1020.79	1433.1	518.2	84.0	0.962	0.989	1.001	0.073	0.989	0.002	0.003	0.17	0.12
12	-3.500	0.973	1020.06	1433.4	517.9	84.1	0.959	0.988	1.001	0.026	0.988	0.003	0.003	0.17	0.15
13	-3.000	0.973	1019.30	1429.8	516.3	83.8	0.944	0.975	1.001	0.052	0.975	0.003	0.003	0.17	0.15
14	-2.500	0.974	1020.00	1432.9	517.9	83.7	0.959	0.987	1.001	0.027	0.987	0.003	0.003	0.17	0.17
15	-2.000	0.972	1018.96	1431.0	516.5	83.9	0.944	0.976	1.002	0.052	0.976	0.003	0.003	0.18	0.19
16	-1.500	0.975	1021.33	1431.9	518.1	83.9	0.945	0.974	1.001	0.054	0.974	0.004	0.003	0.16	0.22
17	-1.000	0.975	1021.01	1433.5	518.6	83.8	0.944	0.973	1.001	0.056	0.973	0.004	0.003	0.16	0.22
18	-0.500	0.974	1020.05	1430.1	516.8	83.8	0.944	0.974	1.002	0.055	0.974	0.004	0.003	0.17	0.25
19	0.000	0.974	1020.80	1432.2	518.0	83.8	0.943	0.973	1.001	0.055	0.973	0.005	0.003	0.16	0.28
20	0.500	0.973	1019.27	1429.9	516.5	83.4	0.943	0.973	1.002	0.056	0.973	0.005	0.003	0.16	0.32
21	1.000	0.973	1019.11	1427.6	515.7	83.3	0.943	0.974	1.002	0.054	0.974	0.006	0.003	0.17	0.37
22	1.500	0.974	1020.10	1431.6	517.6	83.3	0.944	0.974	1.001	0.054	0.974	0.007	0.003	0.15	0.40
23	2.000	0.973	1019.22	1428.5	516.1	83.1	0.943	0.974	1.001	0.054	0.974	0.007	0.003	0.16	0.41
24	2.500	0.974	1019.77	1429.7	516.8	83.2	0.944	0.974	1.001	0.054	0.974	0.007	0.003	0.15	0.44
25	3.000	0.974	1019.59	1429.8	516.8	83.2	0.945	0.975	1.001	0.053	0.975	0.008	0.003	0.16	0.46
26	3.500	0.973	1020.01	1426.6	515.4	84.0	0.944	0.975	1.002	0.055	0.974	0.008	0.003	0.15	0.47
27	4.000	0.974	1021.71	1432.4	518.7	83.5	0.964	0.989	1.000	0.022	0.989	0.008	0.003	0.16	0.46
28	4.500	0.974	1019.85	1428.7	516.7	83.5	0.962	0.990	1.002	0.022	0.990	0.008	0.003	0.14	0.46
29	5.000	0.974	1019.90	1429.4	516.7	83.3	0.964	0.992	1.001	0.019	0.992	0.008	0.003	0.15	0.46
30	5.500	0.975	1021.16	1430.3	517.6	83.6	0.968	0.994	1.001	0.013	0.994	0.008	0.003	0.16	0.46
31	6.000	0.975	1021.03	1431.3	518.0	83.3	0.970	0.996	1.001	0.011	0.996	0.007	0.003	0.15	0.42
32	6.500	0.975	1020.91	1428.4	516.7	83.7	0.970	0.996	1.002	0.010	0.996	0.007	0.003	0.15	0.39
33	7.000	0.975	1021.44	1428.8	517.3	83.4	0.972	0.997	1.002	0.008	0.997	0.006	0.002	0.14	0.36
34	7.500	0.976	1021.97	1429.2	517.9	83.1	0.975	0.999	1.002	0.005	0.999	0.005	0.002	0.13	0.29
35	8.000	0.977	1022.97	1429.5	518.0	83.3	0.976	0.999	1.002	0.004	0.999	0.005	0.003	0.14	0.27
36	8.500	0.978	1023.24	1430.1	518.8	83.3	0.975	0.998	1.001	0.006	0.998	0.004	0.002	0.13	0.24
37	9.000	0.976	1022.28	1432.0	518.7	83.7	0.970	0.994	1.001	0.012	0.994	0.004	0.002	0.13	0.23
38	9.500	0.976	1022.33	1431.2	518.4	83.8	0.966	0.991	1.001	0.019	0.991	0.004	0.002	0.13	0.23
39	10.000	0.975	1021.27	1430.6	517.6	83.8	0.962	0.989	1.001	0.023	0.989	0.004	0.002	0.14	0.25
40	10.500	0.976	1022.54	1431.6	518.6	83.9	0.962	0.987	1.001	0.026	0.987	0.005	0.002	0.14	0.29
41	11.000	0.977	1023.33	1432.7	519.4	84.0	0.963	0.988	1.001	0.026	0.988	0.006	0.002	0.11	0.32
42	11.500	0.976	1022.04	1430.3	517.9	83.8	0.950	0.986	1.002	0.030	0.986	0.006	0.003	0.15	0.33
43	12.000	0.976	1022.92	1431.2	518.6	84.0	0.960	0.985	1.000	0.029	0.986	0.006	0.002	0.14	0.36
44	12.500	0.976	1022.38	1433.1	519.1	83.8	0.962	0.988	1.002	0.026	0.988	0.007	0.002	0.12	0.40
45	13.000	0.977	1022.30	1430.3	518.2	83.3	0.960	0.986	1.002	0.031	0.986	0.007	0.002	0.14	0.41
46	13.500	0.979	1024.08	1429.2	518.5	83.3	0.964	0.988	1.001	0.026	0.988	0.008	0.002	0.13	0.45
47	14.000	0.978	1023.93	1432.7	519.7	84.0	0.967	0.991	1.001	0.020	0.991	0.008	0.002	0.12	0.47
48	14.500	0.976	1022.15	1434.5	519.5	83.8	0.967	0.993	1.000	0.015	0.993	0.008	0.002	0.12	0.47
49	15.000	0.976	1021.38	1430.1	517.9	83.0	0.966	0.992	1.001	0.019	0.992	0.008	0.002	0.13	0.48
50	15.500	0.977	1022.35	1425.7	516.8	83.0	0.970	0.994	1.001	0.014	0.994	0.008	0.003	0.15	0.48

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	970	2.992	0.01	68	14.14	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	V	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
52	16.000	0.976	1022.10	1431.1	518.5	83.4	0.977	1.000	1.001	0.001	1.000	0.007	0.002	0.12	0.42
53	16.500	0.975	1021.51	1427.7	516.7	83.9	0.975	1.000	1.002	0.003	1.000	0.006	0.902	0.13	0.34
54	17.000	0.976	1023.07	1431.7	518.8	84.3	0.988	1.010	1.001	-0.019	1.010	0.004	0.002	0.14	0.25
55	17.500	0.978	1024.30	1436.1	521.3	83.7	0.998	1.017	1.001	-0.032	1.017	0.001	0.002	0.13	0.07
56	18.000	0.974	1022.23	1429.5	516.7	83.7	1.005	1.027	1.002	-0.051	1.027	-0.004	0.002	0.11	-0.20
57	18.500	0.977	1022.84	1429.4	518.1	83.7	1.017	1.034	1.001	-0.067	1.034	-0.009	0.002	0.13	-0.48
58	19.000	0.978	1023.88	1433.7	520.2	83.8	1.024	1.039	1.000	-0.077	1.039	-0.013	0.003	0.14	-0.70
59	19.500	0.979	1024.13	1431.4	519.6	83.5	0.990	1.010	1.002	-0.016	1.010	-0.013	0.003	0.15	-0.75
61	20.000	0.978	1025.00	1431.1	519.3	84.8	0.942	0.969	1.000	0.062	0.969	-0.010	0.003	0.16	-0.57
62	20.500	0.975	1021.35	1437.4	520.1	83.9	0.942	0.971	1.000	0.058	0.971	-0.007	0.002	0.15	-0.43
63	21.000	0.972	1019.50	1428.4	515.7	84.3	0.941	0.973	1.002	0.058	0.973	-0.005	0.002	0.13	-0.29
64	21.500	0.978	1024.06	1432.2	519.7	83.8	0.944	0.970	1.000	0.059	0.970	-0.005	0.003	0.15	-0.29
65	22.000	0.977	1022.78	1433.3	518.4	83.8	0.944	0.972	1.002	0.058	0.972	-0.004	0.002	0.13	-0.24
66	22.500	0.977	1023.41	1428.8	518.2	83.7	0.958	0.983	1.001	0.034	0.983	-0.003	0.003	0.16	-0.19
67	23.000	0.980	1025.61	1432.9	520.7	84.0	0.966	0.989	1.000	0.023	0.989	-0.003	0.003	0.15	-0.16
68	23.500	0.977	1023.42	1434.3	520.1	83.8	0.965	0.989	1.001	0.024	0.989	-0.002	0.002	0.14	-0.14
69	24.000	0.976	1022.69	1429.7	518.0	84.0	0.965	0.990	1.001	0.022	0.990	-0.002	0.002	0.12	-0.14

TEST	PART	PEX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	980	2.997	0.01	68	-10.00	-10.00	7-504	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
3	-6.000	0.972	1018.01	1429.4	516.0	83.3	0.962	0.991	1.002	0.021	0.991	0.002	0.003	0.18	0.09
4	-4.000	0.971	1018.01	1430.2	515.7	84.0	0.962	0.992	1.001	0.017	0.992	0.001	0.004	0.25	0.08
5	-2.000	0.973	1019.58	1434.7	518.0	84.2	0.960	0.989	1.001	0.023	0.989	0.000	0.003	0.20	0.03
6	0.000	0.974	1019.86	1429.9	516.7	83.6	0.943	0.973	1.002	0.056	0.973	-0.001	0.002	0.11	-0.04
7	2.000	0.973	1019.33	1427.3	515.6	83.5	0.945	0.975	1.001	0.052	0.975	-0.003	0.000	0.02	-0.16
8	4.000	0.971	1017.62	1431.6	516.2	83.6	0.963	0.993	1.001	0.015	0.993	-0.004	-0.001	-0.07	-0.21
9	6.000	0.971	1018.29	1431.8	516.4	83.9	0.969	0.998	1.002	0.006	0.998	-0.003	-0.001	-0.08	-0.19
10	8.000	0.974	1020.54	1430.3	517.2	83.6	0.973	0.999	1.001	0.005	0.999	-0.001	0.000	0.02	-0.04
11	10.000	0.976	1021.34	1431.3	518.2	83.3	0.962	0.988	1.001	0.025	0.988	-0.001	0.000	0.01	-0.04
12	12.000	0.977	1022.35	1426.7	517.1	83.3	0.961	0.987	1.002	0.029	0.987	-0.002	-0.001	-0.05	-0.16
15	14.000	0.978	1023.31	1429.2	518.4	83.4	0.967	0.991	1.001	0.020	0.991	-0.003	-0.002	-0.10	-0.17
18	16.000	0.978	1023.87	1437.1	519.5	84.0	0.980	1.002	1.001	-0.002	1.002	-0.001	-0.001	-0.03	-0.08
20	18.000	0.977	1022.89	1429.7	518.2	83.8	0.993	1.014	1.002	-0.025	1.014	0.003	0.005	0.28	0.18
22	20.000	0.977	1022.79	1432.8	519.2	83.7	0.968	0.992	1.001	0.017	0.992	0.005	0.011	0.64	0.32
24	22.000	0.979	1023.60	1431.2	519.1	83.8	0.961	0.986	1.001	0.030	0.985	0.003	0.007	0.40	0.20
25	24.000	0.975	1020.91	1429.7	517.1	83.8	0.965	0.991	1.001	0.020	0.991	0.002	0.005	0.31	0.14

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	902	2.996	1.99	68	0.00	-5.00	6-301		2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
12	9.000	0.972	1018.00	1429.3	515.6	83.4	0.943	0.975	1.001	0.052	0.974	0.001	0.032	1.87	0.09
13	9.466	0.974	1020.87	1430.3	517.1	84.3	0.938	0.969	1.001	0.063	0.969	0.001	0.030	1.79	0.06
14	10.333	0.975	1021.54	1435.5	519.4	84.1	0.934	0.964	1.001	0.074	0.964	0.001	0.028	1.64	0.06
15	11.000	0.974	1020.76	1432.6	518.0	84.0	0.930	0.961	1.002	0.080	0.961	0.001	0.023	1.39	0.05
16	11.466	0.975	1021.93	1431.0	517.7	84.6	0.930	0.961	1.001	0.090	0.961	0.001	0.019	1.16	0.03
17	12.333	0.976	1023.05	1434.5	519.7	84.4	0.933	0.962	1.001	0.078	0.962	0.001	0.017	0.99	0.07
18	13.000	0.978	1024.04	1434.1	520.3	83.9	0.936	0.963	1.001	0.075	0.963	0.001	0.015	0.88	0.06
20	13.466	0.979	1023.92	1426.8	518.0	83.3	0.940	0.967	1.001	0.068	0.967	0.001	0.014	0.84	0.07
21	14.333	0.976	1021.71	1431.6	518.3	83.7	0.959	0.986	1.001	0.030	0.986	0.001	0.015	0.87	0.07
22	15.000	0.977	1023.16	1430.3	518.4	84.1	0.968	0.993	1.001	0.016	0.993	0.001	0.017	1.00	0.08
23	15.666	0.977	1022.81	1432.0	519.0	83.8	0.988	1.009	1.001	-0.017	1.009	0.001	0.021	1.22	0.07
27	16.333	0.974	1022.06	1427.5	515.9	83.8	1.001	1.024	1.001	-0.045	1.023	0.002	0.028	1.56	0.09
28	17.000	0.978	1024.19	1432.0	519.7	83.8	1.020	1.035	1.001	-0.069	1.035	0.001	0.033	1.83	0.08
29	17.666	0.976	1022.66	1433.2	519.2	84.0	1.035	1.050	1.002	-0.096	1.049	0.002	0.039	2.15	0.11
30	18.333	0.974	1020.64	1428.0	516.5	83.6	1.041	1.057	1.001	-0.111	1.056	0.002	0.044	2.36	0.10
31	19.000	0.978	1023.47	1429.9	518.8	83.4	0.944	0.971	1.000	0.059	0.970	0.001	0.035	2.05	0.07

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	986	2.997	1.99	64	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	9.000	0.976	1022.10	1424.5	515.9	83.7	0.944	0.972	1.008	0.068	0.972	0.007	0.029	1.73	0.43
8	9.333	0.978	1024.36	1435.8	521.1	84.0	0.932	0.959	0.999	0.080	0.959	0.003	0.027	1.64	0.17
9	9.666	0.977	1019.05	1430.2	516.2	84.0	0.929	0.962	1.001	0.078	0.962	0.003	0.026	1.54	0.16
10	10.000	0.974	1019.76	1429.1	515.0	83.5	0.926	0.958	1.000	0.083	0.958	0.002	0.023	1.40	0.14
11	10.333	0.977	1023.01	1434.2	519.8	84.0	0.924	0.954	0.999	0.090	0.954	0.003	0.021	1.27	0.16
13	10.666	0.973	1019.33	1419.4	512.8	83.3	0.918	0.952	1.001	0.098	0.952	0.003	0.018	1.06	0.17
14	11.000	0.974	1020.22	1446.3	522.8	83.8	0.919	0.952	1.000	0.097	0.952	0.003	0.015	0.88	0.17
15	11.333	0.973	1019.45	1418.0	512.3	83.5	0.916	0.950	1.001	0.101	0.950	0.003	0.011	0.69	0.16
16	11.666	0.978	1024.04	1439.0	522.2	83.7	0.921	0.950	0.999	0.098	0.950	0.003	0.010	0.58	0.19
17	12.000	0.972	1018.82	1419.6	512.5	83.6	0.921	0.955	1.001	0.090	0.955	0.002	0.007	0.44	0.14
18	12.333	0.979	1024.75	1438.7	522.3	84.0	0.927	0.955	0.999	0.088	0.955	0.003	0.006	0.37	0.17
19	12.666	0.972	1018.71	1431.5	516.8	83.4	0.927	0.960	1.002	0.082	0.960	0.002	0.005	0.31	0.14
20	13.000	0.974	1019.62	1425.0	515.0	83.3	0.932	0.964	1.001	0.073	0.964	0.003	0.005	0.29	0.15
21	13.333	0.974	1022.61	1432.9	519.2	83.8	0.938	0.967	1.000	0.066	0.967	0.002	0.005	0.31	0.14
22	13.666	0.976	1022.01	1428.9	517.4	83.9	0.940	0.969	1.000	0.063	0.969	0.003	0.006	0.34	0.16
23	14.000	0.977	1023.09	1431.8	519.0	83.9	0.944	0.972	1.000	0.056	0.972	0.003	0.006	0.37	0.16
24	14.333	0.976	1021.96	1439.8	520.9	83.9	0.968	0.994	1.000	0.012	0.994	0.003	0.008	0.46	0.16
25	14.666	0.973	1019.66	1418.1	512.1	84.1	0.968	0.996	1.001	0.010	0.996	0.003	0.010	0.60	0.16
26	15.000	0.975	1020.96	1442.9	522.0	83.7	0.987	1.010	1.000	-0.021	1.010	0.004	0.012	0.69	0.20
27	15.333	0.973	1019.00	1418.1	512.1	83.5	0.988	1.013	1.001	-0.025	1.013	0.003	0.015	0.88	0.16
33	15.666	0.974	1020.43	1445.2	522.7	83.4	1.001	1.023	1.001	-0.044	1.023	0.003	0.018	1.02	0.19
34	16.000	0.972	1018.26	1413.3	510.0	83.3	1.005	1.028	1.001	-0.056	1.028	0.003	0.022	1.23	0.19
39	16.333	0.978	1024.46	1447.9	523.7	84.0	1.022	1.037	1.000	-0.075	1.037	0.003	0.024	1.35	0.19
40	16.666	0.975	1020.92	1424.7	515.4	83.7	1.023	1.041	1.001	-0.080	1.040	0.003	0.028	1.53	0.18
41	17.000	0.977	1023.20	1436.9	521.1	83.6	1.041	1.053	1.000	-0.107	1.053	0.004	0.031	1.66	0.23
42	17.333	0.976	1022.91	1441.5	522.3	84.2	1.048	1.060	1.000	-0.120	1.060	0.004	0.033	1.78	0.21
43	17.666	0.976	1021.26	1418.0	513.4	83.2	1.038	1.053	0.999	-0.108	1.053	0.003	0.034	1.83	0.16
44	18.000	0.975	1021.68	1436.1	519.9	83.8	1.036	1.052	1.001	-0.102	1.051	0.004	0.033	1.79	0.20
45	18.333	0.974	1020.35	1422.2	514.2	83.6	0.969	0.996	1.001	0.010	0.995	0.003	0.027	1.54	0.17
46	18.666	0.977	1023.15	1441.2	522.4	84.0	0.962	0.987	1.000	0.024	0.987	0.004	0.025	1.43	0.21
47	19.000	0.973	1019.89	1420.1	513.2	83.7	0.933	0.965	1.001	0.071	0.965	0.003	0.025	1.47	0.18

TEST	PART	REX10-6	ALFA	WING	Y	Z	BWW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	987	2.975	1.99	66	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
8	9.000	0.973	1019.06	1418.4	512.3	83.3	0.935	0.967	0.999	0.064	0.967	0.001	0.015	0.90	0.06
10	9.333	0.973	1019.04	1427.6	515.5	83.6	0.930	0.963	1.001	0.076	0.962	0.001	0.015	0.92	0.06
11	9.666	0.977	1022.78	1433.4	519.6	83.6	0.926	0.957	0.999	0.084	0.957	0.001	0.014	0.84	0.07
12	10.000	0.977	1022.85	1437.5	521.2	83.4	0.922	0.952	1.001	0.097	0.952	0.002	0.013	0.77	0.10
13	10.333	0.974	1020.30	1425.4	515.3	83.8	0.914	0.948	1.001	0.106	0.948	0.002	0.010	0.62	0.09
14	10.666	0.978	1023.83	1430.2	519.1	83.3	0.913	0.943	1.000	0.114	0.943	0.002	0.008	0.47	0.10
16	11.000	0.974	1019.76	1432.7	517.8	83.3	0.908	0.943	1.001	0.116	0.943	0.001	0.004	0.27	0.08
17	11.333	0.975	1021.38	1427.4	516.4	84.1	0.910	0.944	1.000	0.113	0.944	0.001	0.002	0.13	0.09
18	11.666	0.977	1023.12	1435.1	520.4	83.6	0.915	0.946	1.000	0.108	0.946	0.001	0.000	0.03	0.09
19	12.000	0.975	1020.75	1428.9	517.0	83.4	0.917	0.949	1.002	0.105	0.949	0.001	-0.001	-0.07	0.07
20	12.333	0.976	1022.07	1427.7	517.2	83.5	0.924	0.954	1.001	0.093	0.954	0.001	-0.002	-0.11	0.08
22	12.666	0.978	1023.58	1432.3	519.6	83.5	0.930	0.959	1.001	0.083	0.959	0.001	-0.002	-0.12	0.07
23	13.000	0.977	1023.14	1430.2	518.7	83.4	0.934	0.963	1.001	0.077	0.963	0.001	-0.002	-0.10	0.08
24	13.333	0.980	1025.05	1430.9	520.1	84.1	0.942	0.967	1.000	0.056	0.967	0.001	-0.001	-0.06	0.07
25	13.666	0.976	1022.34	1433.7	519.2	84.0	0.963	0.989	1.002	0.076	0.989	0.001	-0.000	-0.02	0.08
26	14.000	0.976	1021.75	1431.1	518.3	83.4	0.968	0.993	1.001	0.015	0.993	0.001	0.001	0.05	0.06
27	14.333	0.977	1023.77	1429.6	518.5	84.1	0.986	1.008	1.001	-0.014	1.008	0.002	0.002	0.14	0.11
28	14.666	0.976	1022.64	1434.6	519.8	83.9	0.996	1.017	1.002	-0.031	1.016	0.002	0.004	0.24	0.12
29	15.000	0.975	1020.59	1429.7	517.2	83.4	0.999	1.021	1.001	-0.041	1.021	0.002	0.006	0.32	0.11
30	15.333	0.976	1021.78	1428.1	517.1	83.7	1.016	1.035	1.002	-0.067	1.035	0.003	0.009	0.48	0.14
31	15.666	0.977	1023.11	1432.4	519.1	84.2	1.027	1.043	1.001	-0.085	1.043	0.003	0.011	0.61	0.16
32	16.000	0.977	1023.30	1433.3	519.6	84.1	1.038	1.052	1.002	-0.100	1.051	0.003	0.014	0.74	0.17
33	16.333	0.976	1022.63	1430.6	518.3	84.0	1.046	1.059	1.001	-0.116	1.059	0.003	0.015	0.81	0.15
34	16.666	0.978	1023.68	1431.8	519.3	83.9	1.056	1.066	1.001	-0.131	1.066	0.003	0.017	0.90	0.17
36	17.000	0.977	1023.09	1431.8	518.9	84.0	1.063	1.072	1.001	-0.143	1.072	0.003	0.019	0.99	0.17
37	17.333	0.977	1022.23	1431.8	518.8	83.3	1.067	1.076	1.001	-0.151	1.076	0.003	0.019	1.04	0.19
38	17.666	0.976	1022.13	1429.1	517.7	83.6	1.065	1.075	1.001	-0.148	1.075	0.003	0.019	1.02	0.14
39	18.000	0.977	1022.95	1430.6	518.6	83.6	1.054	1.065	1.000	-0.130	1.065	0.003	0.018	0.95	0.16
40	18.333	0.976	1022.09	1431.0	518.4	83.4	1.021	1.038	1.001	-0.074	1.038	0.003	0.016	0.89	0.18
41	18.666	0.976	1021.73	1432.0	518.4	83.7	0.981	1.005	1.002	-0.007	1.005	0.003	0.015	0.88	0.16
42	19.000	0.978	1023.78	1429.6	518.6	83.9	0.958	0.983	1.000	0.034	0.983	0.003	0.015	0.88	0.16

TEST	PART	REX10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	983	2.996	1.89	60	2.00	-5.00	6-302	2- 8-77	

POINT	X	M	VM	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	10.333	0.974	1020.58	1429.9	517.0	83.8	0.941	0.971	1.000	0.058	0.971	0.001	0.032	1.86	0.08
6	11.000	0.975	1020.89	1433.0	518.4	83.5	0.931	0.962	1.001	0.077	0.962	0.004	0.021	1.26	0.25
7	11.666	0.975	1021.07	1430.6	517.6	83.7	0.930	0.961	1.002	0.081	0.961	0.005	0.018	1.05	0.29
8	12.333	0.975	1021.81	1430.0	517.6	84.0	0.932	0.962	1.002	0.077	0.962	0.005	0.014	0.86	0.31
9	13.000	0.978	1024.37	1434.9	520.7	84.0	0.936	0.964	1.000	0.073	0.964	0.005	0.012	0.74	0.30
10	13.666	0.977	1023.07	1432.1	519.2	83.7	0.940	0.968	1.002	0.067	0.968	0.005	0.011	0.68	0.28
11	14.333	0.975	1020.74	1428.7	515.2	83.3	0.944	0.973	1.002	0.057	0.973	0.004	0.012	0.70	0.24
12	15.000	0.978	1025.26	1430.0	519.3	84.2	0.973	0.995	1.001	0.012	0.995	0.004	0.014	0.82	0.21
13	15.666	0.977	1023.46	1435.6	520.4	84.2	0.990	1.011	1.001	-0.020	1.011	0.003	0.018	1.03	0.15
14	16.333	0.976	1021.97	1432.0	518.5	83.8	1.000	1.021	1.001	-0.039	1.020	0.002	0.024	1.37	0.11
15	17.000	0.978	1024.29	1430.2	519.0	83.9	1.019	1.035	1.000	-0.068	1.034	0.001	0.031	1.71	0.08
17	17.666	0.978	1024.58	1434.2	520.6	84.1	1.037	1.050	1.001	-0.098	1.049	0.001	0.037	2.02	0.08
18	18.333	0.976	1022.36	1430.8	518.3	83.8	1.044	1.058	1.001	-0.113	1.057	0.002	0.042	2.26	0.11
20	19.000	0.977	1023.24	1428.8	517.9	84.0	0.965	0.990	1.000	0.020	0.990	0.005	0.033	1.88	0.31

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	988	2.901	1.99	68	2.00	-3.00	6-307	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	10.000	0.978	1020.93	1426.9	516.2	83.7	0.936	0.966	1.003	0.072	0.966	0.003	0.027	1.60	0.20
4	10.333	0.977	1023.58	1433.1	519.5	84.3	0.925	0.955	1.001	0.092	0.954	0.011	0.025	1.48	0.67
5	10.666	0.976	1022.69	1432.3	518.0	83.7	0.920	0.951	1.001	0.100	0.951	0.012	0.021	1.28	0.72
6	11.000	0.977	1023.22	1430.0	516.6	83.5	0.918	0.949	1.001	0.104	0.948	0.012	0.017	1.04	0.73
7	11.333	0.977	1022.41	1429.8	518.2	83.6	0.918	0.949	1.001	0.104	0.949	0.012	0.013	0.81	0.75
8	11.666	0.978	1024.28	1431.6	519.7	83.6	0.919	0.948	1.000	0.104	0.948	0.012	0.010	0.61	0.75
9	12.000	0.979	1024.68	1431.8	519.9	83.8	0.921	0.950	1.001	0.101	0.950	0.012	0.007	0.44	0.70
10	12.333	0.978	1023.94	1431.9	519.5	83.8	0.925	0.954	1.001	0.094	0.953	0.012	0.005	0.31	0.69
11	12.666	0.979	1024.71	1431.7	519.8	84.0	0.928	0.956	1.001	0.089	0.956	0.011	0.004	0.23	0.65
12	13.000	0.977	1022.75	1430.6	518.5	83.7	0.931	0.961	1.001	0.088	0.961	0.010	0.003	0.19	0.60
13	13.333	0.977	1023.54	1429.9	518.5	84.0	0.936	0.964	1.001	0.073	0.964	0.010	0.003	0.16	0.58
14	13.666	0.979	1025.22	1433.2	520.5	84.1	0.940	0.966	1.001	0.069	0.966	0.009	0.003	0.19	0.54
15	14.000	0.978	1022.74	1433.7	519.2	84.0	0.943	0.971	1.001	0.060	0.971	0.009	0.004	0.25	0.50
16	14.333	0.976	1022.64	1430.8	518.3	84.0	0.963	0.988	1.001	0.025	0.988	0.008	0.006	0.37	0.47
17	14.666	0.978	1024.39	1432.4	519.8	84.2	0.974	0.997	1.001	0.008	0.997	0.008	0.009	0.50	0.44
18	15.000	0.976	1022.81	1431.3	518.5	84.2	0.992	1.005	1.002	-0.007	1.005	0.007	0.012	0.68	0.42
19	15.333	0.977	1023.49	1430.9	518.9	83.9	0.994	1.014	1.001	-0.027	1.014	0.007	0.016	0.88	0.42
22	15.666	0.976	1022.60	1431.8	518.8	83.8	1.004	1.023	1.001	-0.045	1.023	0.008	0.020	1.14	0.43
23	16.000	0.977	1023.37	1429.4	518.3	83.9	1.015	1.032	1.001	-0.063	1.032	0.008	0.025	1.41	0.43
24	16.333	0.977	1022.87	1434.1	519.8	83.7	1.028	1.043	1.001	-0.085	1.043	0.008	0.031	1.68	0.44
25	16.666	0.975	1021.19	1431.6	517.8	84.0	1.036	1.052	1.001	-0.103	1.052	0.008	0.035	1.90	0.45
26	17.000	0.977	1022.63	1429.1	517.9	83.6	1.051	1.063	1.001	-0.124	1.062	0.008	0.039	2.11	0.45
27	17.333	0.979	1025.14	1430.3	519.5	84.0	1.065	1.072	1.000	-0.144	1.071	0.009	0.043	2.29	0.50
28	17.666	0.979	1024.54	1432.8	520.3	83.5	1.070	1.076	1.000	-0.153	1.075	0.010	0.045	2.41	0.55
29	18.000	0.979	1025.04	1429.2	519.1	83.9	1.058	1.067	1.001	-0.132	1.066	0.012	0.046	2.36	0.67
30	18.333	0.978	1024.96	1435.7	520.9	85.0	1.002	1.021	0.999	-0.043	1.020	0.014	0.034	1.91	0.80
31	18.666	0.974	1022.16	1439.1	520.5	85.2	0.941	0.971	1.001	0.059	0.970	0.014	0.030	1.76	0.84
32	19.000	0.974	1021.99	1432.4	518.1	85.0	0.933	0.964	1.001	0.074	0.963	0.013	0.028	1.67	0.77

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	989	3.005	1.99	68	2.00	-2.00	6-308	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
1	10.000	0.977	1022.92	1433.3	519.4	83.9	0.921	0.951	1.000	0.097	0.951	0.016	0.029	1.77	0.94
2	10.333	0.977	1022.83	1428.4	517.7	83.8	0.915	0.946	1.000	0.108	0.946	0.017	0.026	1.55	1.02
3	10.666	0.978	1024.42	1432.6	520.0	84.0	0.909	0.939	0.999	0.120	0.939	0.018	0.020	1.19	1.09
4	11.000	0.978	1020.78	1432.6	519.3	83.5	0.904	0.938	1.002	0.126	0.938	0.018	0.012	0.75	1.11
5	11.333	0.975	1021.62	1426.9	516.5	83.7	0.903	0.937	1.001	0.128	0.937	0.017	0.006	0.36	1.07
6	11.666	0.978	1023.68	1433.6	520.1	83.7	0.908	0.939	1.000	0.172	0.939	0.017	0.000	0.01	1.01
7	12.000	0.976	1021.56	1427.9	516.9	83.6	0.911	0.944	1.002	0.114	0.944	0.015	-0.004	-0.23	0.90
8	12.333	0.978	1023.64	1429.6	518.3	83.6	0.919	0.948	1.000	0.103	0.948	0.013	-0.006	-0.34	0.80
9	12.666	0.976	1022.56	1434.8	519.7	84.0	0.926	0.956	1.000	0.088	0.956	0.012	-0.006	-0.37	0.72
10	13.000	0.975	1021.34	1430.2	517.5	83.8	0.929	0.960	1.001	0.082	0.960	0.010	-0.006	-0.38	0.62
11	13.333	0.977	1022.52	1428.9	517.8	83.5	0.936	0.964	1.001	0.073	0.964	0.009	-0.005	-0.31	0.55
12	13.666	0.978	1023.92	1430.2	519.0	83.7	0.940	0.967	1.000	0.066	0.967	0.008	-0.003	-0.20	0.49
13	14.000	0.976	1022.72	1431.5	518.6	84.1	0.944	0.972	1.000	0.056	0.972	0.008	-0.001	-0.07	0.46
14	14.333	0.978	1023.92	1435.0	520.4	84.2	0.971	0.994	1.000	0.011	0.994	0.008	0.002	0.13	0.43
15	14.666	0.977	1022.54	1431.3	518.7	83.5	0.979	1.002	1.000	-0.004	1.002	0.007	0.007	0.37	0.41
16	15.000	0.979	1024.72	1429.9	519.1	84.0	0.995	1.014	1.000	-0.028	1.014	0.008	0.011	0.63	0.46
17	15.333	0.975	1021.93	1433.3	518.9	84.0	1.005	1.025	1.001	-0.050	1.025	0.009	0.016	0.92	0.49
18	15.666	0.976	1023.15	1432.5	519.0	84.4	1.010	1.029	1.001	-0.057	1.029	0.010	0.022	1.24	0.57
19	16.000	0.978	1024.64	1432.1	519.6	84.0	1.020	1.036	1.000	-0.072	1.035	0.012	0.029	1.60	0.67
20	16.333	0.978	1024.33	1431.9	519.6	84.0	1.030	1.044	1.000	-0.087	1.043	0.014	0.034	1.85	0.79
21	16.666	0.978	1024.23	1431.0	519.2	84.1	1.042	1.054	1.001	-0.107	1.053	0.016	0.038	2.06	0.87
22	17.000	0.976	1024.05	1432.3	519.7	83.9	1.051	1.062	1.000	-0.124	1.061	0.018	0.042	2.26	0.97
23	17.333	0.977	1023.41	1432.4	519.3	84.0	1.055	1.065	0.999	-0.131	1.064	0.020	0.044	2.39	1.06
24	17.666	0.979	1025.41	1431.9	520.2	84.0	1.049	1.058	0.999	-0.118	1.057	0.021	0.044	2.37	1.15
25	18.000	0.975	1021.16	1431.7	517.9	84.0	1.012	1.032	1.000	-0.065	1.031	0.022	0.038	2.12	1.23
26	18.333	0.977	1022.69	1433.6	519.5	83.8	0.973	0.997	0.999	0.005	0.996	0.021	0.031	1.80	1.22
27	18.666	0.977	1023.24	1430.6	518.8	83.6	0.941	0.968	1.000	0.064	0.968	0.019	0.028	1.64	1.15
28	19.000	0.975	1021.23	1429.1	517.0	83.9	0.931	0.962	1.001	0.077	0.961	0.018	0.026	1.55	1.04

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	990	2.999	1.90	68	2.00	-1.00	6-309	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
1	10.000	0.977	1023.76	1430.1	518.5	83.8	0.913	0.944	1.000	0.113	0.943	0.021	0.038	2.30	1.25
2	10.333	0.977	1022.56	1431.7	518.8	83.7	0.899	0.932	1.000	0.135	0.931	0.074	0.031	1.88	1.50
3	10.666	0.976	1022.48	1431.2	518.5	83.8	0.881	0.916	1.000	0.167	0.916	0.029	0.017	1.04	1.81
4	11.000	0.976	1022.41	1431.6	518.7	83.6	0.871	0.907	1.000	0.186	0.906	0.030	-0.003	-0.18	1.91
5	11.333	0.977	1023.02	1430.2	518.4	83.8	0.873	0.909	1.000	0.182	0.908	0.026	-0.018	-1.16	1.64
6	11.666	0.978	1024.45	1431.8	519.4	84.5	0.886	0.919	1.000	0.161	0.919	0.020	-0.027	-1.71	1.26
7	12.000	0.977	1023.54	1435.6	520.2	84.7	0.900	0.933	1.000	0.135	0.932	0.015	-0.030	-1.85	0.93
8	12.333	0.975	1021.94	1433.5	519.0	84.0	0.911	0.944	1.001	0.114	0.943	0.011	-0.030	-1.83	0.64
9	12.666	0.977	1023.06	1431.0	518.7	83.8	0.922	0.952	1.001	0.097	0.952	0.008	-0.027	-1.64	0.45
10	13.000	0.978	1023.70	1432.2	519.4	84.0	0.929	0.958	1.000	0.085	0.958	0.006	-0.024	-1.43	0.35
11	13.333	0.979	1024.65	1432.5	520.0	84.0	0.936	0.963	1.000	0.075	0.963	0.004	-0.020	-1.18	0.25
12	13.665	0.975	1020.93	1429.8	517.2	83.7	0.939	0.969	1.001	0.063	0.969	0.004	-0.016	-0.92	0.21
13	14.000	0.977	1022.90	1430.9	518.5	84.0	0.960	0.986	1.001	0.030	0.986	0.004	-0.010	-0.60	0.21
14	14.333	0.977	1022.97	1433.2	519.5	83.7	0.978	1.001	1.000	-0.001	1.001	0.004	-0.004	-0.21	0.22
15	14.666	0.978	1023.58	1430.3	518.9	83.6	0.994	1.014	1.000	-0.027	1.014	0.005	0.004	0.23	0.29
16	15.000	0.980	1025.46	1431.6	520.3	83.7	1.009	1.025	1.000	-0.049	1.024	0.007	0.012	0.64	0.41
17	15.333	0.976	1021.78	1429.3	517.8	83.1	1.015	1.033	1.000	-0.066	1.033	0.009	0.020	1.10	0.51
18	15.665	0.978	1024.13	1429.0	518.3	84.3	1.026	1.041	1.000	-0.081	1.041	0.012	0.028	1.52	0.67
21	16.000	0.979	1024.49	1434.0	520.6	83.7	1.035	1.048	1.001	-0.095	1.047	0.016	0.036	1.87	0.90
22	16.333	0.975	1020.75	1427.1	516.2	83.6	1.039	1.055	1.000	-0.109	1.054	0.019	0.040	2.19	1.04
23	16.666	0.979	1025.17	1432.6	520.0	84.6	1.050	1.060	1.000	-0.121	1.059	0.023	0.044	2.37	1.24
24	17.000	0.978	1021.85	1437.0	520.0	84.3	1.050	1.064	1.000	-0.127	1.062	0.025	0.047	2.54	1.35
25	17.333	0.975	1021.09	1430.3	517.4	83.9	1.048	1.062	1.001	-0.124	1.061	0.027	0.049	2.66	1.44
26	17.666	0.978	1023.92	1430.6	518.9	84.0	1.046	1.057	1.000	-0.115	1.056	0.029	0.048	2.50	1.57
27	18.000	0.975	1021.19	1432.1	518.1	83.8	1.011	1.031	1.001	-0.060	1.029	0.028	0.042	2.35	1.55
28	18.333	0.976	1022.08	1431.2	518.3	83.7	0.963	0.989	1.000	0.023	0.988	0.024	0.036	2.10	1.30
29	18.666	0.977	1023.44	1430.8	518.9	83.8	0.938	0.965	1.000	0.069	0.965	0.020	0.031	1.85	1.20
30	19.000	0.975	1020.74	1430.7	517.6	83.4	0.927	0.959	1.000	0.093	0.958	0.018	0.028	1.69	1.10

TEST	PART	REX10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	984	2.994	1.99	64	4.00	-5.00	6-303	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	11.000	0.971	1017.91	1429.9	515.7	83.7	0.932	0.966	1.002	0.071	0.966	0.004	0.024	1.41	0.22
6	11.666	0.973	1019.72	1431.4	517.1	83.8	0.932	0.964	1.001	0.073	0.964	0.009	0.021	1.25	0.52
7	12.333	0.975	1021.32	1434.0	518.8	84.0	0.933	0.964	1.000	0.073	0.964	0.010	0.018	1.06	0.57
8	13.000	0.974	1020.71	1430.5	517.4	83.7	0.935	0.966	1.002	0.071	0.966	0.010	0.015	0.91	0.59
9	13.666	0.978	1024.60	1431.0	519.2	84.6	0.941	0.968	1.000	0.065	0.967	0.010	0.014	0.84	0.59
11	14.333	0.977	1023.18	1433.6	519.7	83.8	0.943	0.971	1.002	0.062	0.971	0.009	0.013	0.79	0.54
12	15.000	0.977	1023.45	1429.2	518.7	84.0	0.964	0.989	1.001	0.025	0.989	0.008	0.015	0.86	0.44
13	15.666	0.978	1024.34	1437.3	519.8	84.0	0.985	1.006	1.001	-0.011	1.006	0.006	0.018	1.04	0.34
14	16.333	0.975	1021.64	1432.9	518.5	83.6	0.997	1.019	1.001	-0.036	1.019	0.004	0.024	1.33	0.21
15	17.000	0.976	1022.28	1427.2	516.9	83.8	1.014	1.033	1.002	-0.063	1.032	0.002	0.030	1.68	0.09
16	17.666	0.976	1022.08	1430.3	518.0	83.8	1.039	1.053	1.001	-0.105	1.053	0.001	0.038	2.05	0.05
17	18.333	0.975	1021.75	1433.7	519.0	83.9	1.061	1.072	1.001	-0.144	1.072	0.002	0.045	2.43	0.10
18	19.000	0.976	1022.45	1431.7	518.7	83.8	0.944	0.972	1.001	0.057	0.971	0.009	0.037	2.21	0.54

TEST	PART	RE×10-6	ALFA	WING	Y	Z	PWN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	991	3.000	1.00	68	4.00	-3.00	6-310	2- 8-77	TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	VL	VWL/VW	PTL/PT	CPL	UL/VW	VL/VW	WL/VW	AAL	BWL
6	11.000	0.973	1018.91	1432.3	517.5	83.9	0.927	0.959	1.001	0.084	0.959	0.011	0.026	1.54	0.68
7	11.333	0.974	1020.86	1429.7	517.0	84.0	0.925	0.957	1.002	0.089	0.956	0.017	0.019	1.17	1.03
8	11.666	0.976	1022.37	1435.2	519.8	84.0	0.925	0.956	1.000	0.089	0.955	0.019	0.017	1.00	1.18
9	12.000	0.974	1020.37	1431.7	517.5	83.9	0.923	0.956	1.002	0.091	0.956	0.020	0.014	0.82	1.21
10	12.333	0.977	1022.99	1429.8	518.2	84.0	0.926	0.956	1.001	0.090	0.956	0.021	0.011	0.65	1.25
11	12.666	0.979	1025.41	1434.1	520.9	84.2	0.929	0.956	1.001	0.088	0.956	0.021	0.009	0.54	1.28
12	13.000	0.977	1027.99	1430.3	518.6	83.5	0.929	0.958	1.002	0.087	0.958	0.021	0.007	0.40	1.25
13	13.333	0.978	1024.39	1429.1	518.7	83.8	0.934	0.961	1.002	0.080	0.961	0.020	0.004	0.27	1.21
14	13.666	0.980	1025.79	1433.7	521.1	84.0	0.938	0.963	1.000	0.073	0.963	0.019	0.003	0.19	1.13
15	14.000	0.975	1021.67	1434.3	519.0	84.2	0.940	0.969	1.001	0.063	0.969	0.018	0.003	0.16	1.04
16	14.333	0.975	1021.07	1429.5	517.2	83.6	0.942	0.971	1.002	0.061	0.971	0.016	0.003	0.17	0.96
17	14.666	0.977	1023.58	1429.7	518.1	83.9	0.964	0.989	1.002	0.025	0.989	0.014	0.005	0.28	0.83
18	15.000	0.976	1022.05	1434.4	519.5	83.6	0.979	1.003	1.001	-0.004	1.003	0.012	0.007	0.40	0.68
19	15.333	0.974	1020.31	1428.7	516.3	84.0	0.985	1.010	1.002	-0.017	1.010	0.010	0.010	0.59	0.56
20	15.666	0.976	1021.99	1429.2	517.7	83.5	1.003	1.023	1.001	-0.045	1.023	0.008	0.016	0.88	0.45
22	16.000	0.975	1020.92	1431.4	517.9	83.5	1.017	1.036	1.002	-0.071	1.036	0.006	0.021	1.18	0.32
23	16.333	0.976	1021.99	1428.3	517.2	83.7	1.030	1.046	1.001	-0.091	1.046	0.004	0.027	1.47	0.21
24	16.666	0.979	1025.09	1437.4	520.2	84.1	1.045	1.055	1.001	-0.110	1.055	0.003	0.032	1.72	0.18
25	17.000	0.974	1020.87	1433.2	518.1	84.3	1.058	1.071	1.002	-0.141	1.071	0.003	0.038	2.02	0.14
26	17.333	0.976	1021.99	1432.3	518.7	83.7	1.073	1.081	1.001	-0.162	1.081	0.003	0.043	2.30	0.16
27	17.666	0.978	1024.35	1431.6	519.4	84.2	1.088	1.092	1.000	-0.184	1.091	0.004	0.048	2.54	0.23
28	18.000	0.976	1022.08	1432.7	519.1	84.1	1.098	1.101	1.000	-0.202	1.100	0.008	0.053	2.74	0.41
29	18.333	0.976	1021.93	1430.9	518.3	83.4	1.040	1.054	1.000	-0.107	1.053	0.018	0.042	2.30	0.96
30	18.666	0.978	1023.69	1429.6	518.7	83.6	0.961	0.985	1.000	0.029	0.985	0.020	0.033	1.93	1.19
31	19.000	0.977	1023.35	1431.9	519.3	83.7	0.991	0.960	1.000	0.080	0.959	0.019	0.029	1.73	1.14

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	992	2.997	1.99	68	4.00	-2.00	6-311	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VPL/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.976	1023.01	1433.0	518.9	84.8	0.919	0.951	1.001	0.100	0.950	0.021	0.024	1.44	1.24
4	11.333	0.977	1024.36	1436.6	520.9	84.9	0.918	0.948	1.000	0.104	0.948	0.024	0.021	1.24	1.42
5	11.666	0.976	1022.99	1433.5	519.2	84.7	0.915	0.947	1.002	0.109	0.946	0.027	0.017	1.01	1.63
6	12.000	0.977	1023.64	1433.4	519.6	84.4	0.917	0.947	1.001	0.107	0.947	0.029	0.012	0.71	1.76
7	12.333	0.977	1023.10	1434.0	519.7	84.0	0.917	0.948	1.001	0.106	0.948	0.030	0.008	0.46	1.84
8	12.666	0.976	1021.96	1430.3	517.8	84.0	0.919	0.951	1.001	0.101	0.950	0.030	0.002	0.15	1.84
9	13.000	0.977	1023.17	1431.1	516.9	83.7	0.924	0.954	1.001	0.094	0.953	0.029	-0.002	-0.10	1.77
10	13.333	0.976	1022.71	1431.3	518.5	84.2	0.928	0.958	1.001	0.086	0.957	0.027	-0.005	-0.29	1.64
11	13.666	0.977	1022.76	1433.0	519.3	83.8	0.933	0.962	1.001	0.079	0.961	0.025	-0.007	-0.39	1.46
12	14.000	0.977	1023.24	1430.8	518.7	84.0	0.937	0.965	1.001	0.072	0.965	0.021	-0.007	-0.41	1.27
13	14.333	0.979	1024.69	1432.0	520.0	83.8	0.943	0.969	1.001	0.063	0.969	0.018	-0.006	-0.34	1.04
14	14.666	0.977	1023.92	1430.1	518.6	84.4	0.966	0.991	1.002	0.021	0.980	0.014	-0.003	-0.17	0.82
15	15.000	0.978	1024.78	1432.6	520.0	84.3	0.994	1.005	1.001	-0.008	1.005	0.010	0.002	0.11	0.60
16	15.333	0.977	1022.94	1431.9	518.9	84.0	0.996	1.016	1.001	-0.031	1.016	0.008	0.007	0.41	0.43
17	15.666	0.978	1023.70	1431.1	519.1	83.8	1.008	1.026	1.001	-0.050	1.026	0.005	0.014	0.80	0.26
19	16.000	0.980	1026.07	1433.8	521.0	84.5	1.043	1.053	1.001	-0.106	1.053	0.001	0.026	1.39	0.07
20	16.333	0.976	1022.34	1431.7	518.7	83.7	1.061	1.071	1.002	-0.140	1.071	-0.000	0.034	1.80	-0.01
21	16.666	0.975	1020.54	1427.6	516.4	83.3	1.076	1.085	1.001	-0.169	1.084	-0.000	0.041	2.19	-0.01
22	17.000	0.978	1024.97	1432.8	520.4	83.7	1.097	1.098	1.000	-0.196	1.097	0.001	0.048	2.52	0.07
23	17.333	0.976	1021.88	1431.4	518.7	84.0	1.106	1.109	1.001	-0.217	1.108	0.003	0.054	2.77	0.15
24	17.666	0.977	1023.80	1432.6	519.4	84.4	1.111	1.111	1.000	-0.222	1.110	0.008	0.057	2.95	0.40
25	18.000	0.974	1020.88	1432.1	517.9	83.9	1.055	1.068	1.000	-0.136	1.067	0.020	0.047	2.50	1.06
29	18.333	0.976	1022.01	1428.0	517.0	83.9	0.967	0.992	1.000	0.015	0.991	0.025	0.034	1.99	1.42
30	18.666	0.978	1024.12	1431.7	519.5	84.0	0.936	0.964	0.999	0.071	0.963	0.024	0.029	1.71	1.43
31	19.000	0.980	1025.31	1433.7	520.9	83.7	0.929	0.956	1.000	0.087	0.955	0.022	0.025	1.48	1.34

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	993	2.003	1.00	68	4.00	-1.00	6-312	2- 8-77	TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	11.000	0.978	1019.85	1427.7	518.1	83.5	0.911	0.945	1.001	0.112	0.944	0.026	0.029	1.76	1.60
2	11.333	0.977	1023.70	1430.2	518.6	84.2	0.910	0.941	1.001	0.118	0.940	0.032	0.027	1.67	1.93
3	11.666	0.977	1023.80	1437.3	521.3	84.1	0.906	0.938	1.001	0.125	0.937	0.039	0.023	1.41	2.38
4	12.000	0.975	1022.02	1431.7	518.0	84.6	0.900	0.934	1.002	0.134	0.933	0.046	0.016	0.98	2.81
5	12.333	0.978	1024.50	1434.1	520.1	84.8	0.899	0.932	1.000	0.137	0.930	0.051	0.005	0.30	3.14
6	12.666	0.975	1021.60	1432.7	518.5	84.0	0.899	0.933	1.002	0.137	0.931	0.052	-0.009	-0.54	3.17
7	13.000	0.976	1022.68	1430.7	518.2	84.2	0.904	0.937	1.001	0.128	0.935	0.047	-0.021	-1.29	2.86
8	13.333	0.977	1023.37	1433.2	519.8	83.7	0.913	0.944	1.001	0.112	0.943	0.038	-0.029	-1.74	2.33
9	13.666	0.977	1023.35	1429.7	518.5	83.7	0.924	0.953	1.001	0.095	0.952	0.029	-0.030	-1.81	1.78
10	14.000	0.978	1024.03	1428.4	518.4	83.6	0.933	0.961	1.001	0.081	0.960	0.022	-0.028	-1.66	1.29
11	14.333	0.977	1023.51	1433.9	519.6	84.6	0.943	0.971	1.000	0.059	0.970	0.015	-0.022	-1.32	0.87
12	14.666	0.976	1021.91	1433.8	519.1	83.8	0.973	0.988	1.002	0.007	0.998	0.008	-0.016	-0.95	0.40
13	15.000	0.976	1022.75	1429.2	517.7	84.3	0.990	1.012	1.001	-0.023	1.012	0.003	-0.008	-0.47	0.18
14	15.333	0.979	1025.47	1434.1	521.0	84.0	1.013	1.029	1.001	-0.056	1.028	-0.001	0.001	0.07	-0.08
15	15.666	0.976	1022.37	1433.2	519.1	84.0	1.020	1.037	1.001	-0.073	1.037	-0.004	0.012	0.68	-0.23
16	16.000	0.976	1022.39	1430.9	518.1	84.3	1.025	1.042	1.000	-0.084	1.042	-0.006	0.023	1.25	-0.33
17	16.333	0.978	1024.73	1434.3	520.6	84.2	1.057	1.066	1.000	-0.133	1.066	-0.005	0.033	1.75	-0.28
18	16.666	0.975	1021.85	1433.0	518.7	84.0	1.069	1.078	1.000	-0.157	1.078	-0.002	0.040	2.13	-0.13
19	17.000	0.976	1023.04	1429.6	517.8	84.7	1.076	1.084	1.000	-0.169	1.083	0.001	0.046	2.44	0.08
20	17.333	0.977	1023.97	1435.3	520.4	84.6	1.081	1.087	0.998	-0.176	1.086	0.007	0.050	2.61	0.35
21	17.666	0.975	1021.07	1431.5	518.0	83.9	1.052	1.065	1.000	-0.130	1.064	0.016	0.047	2.54	0.85
22	18.000	0.977	1023.44	1428.8	518.1	83.8	1.014	1.031	0.999	-0.064	1.030	0.024	0.041	2.27	1.33
23	18.333	0.980	1025.30	1431.3	520.1	83.6	0.963	0.986	0.999	0.027	0.985	0.026	0.032	1.85	1.52
24	18.666	0.976	1022.31	1431.8	518.7	83.7	0.924	0.954	1.000	0.091	0.954	0.025	0.027	1.62	1.47
25	19.000	0.977	1022.88	1431.4	518.9	83.6	0.921	0.951	1.000	0.099	0.950	0.023	0.023	1.39	1.30

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	989	3.012	1.99	68	7.00	-5.00	6-304	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	13.000	0.977	1022.70	1434.3	520.0	83.3	0.933	0.962	0.998	0.074	0.961	0.008	0.023	1.38	0.45
4	13.666	0.976	1021.73	1426.7	516.7	83.4	0.940	0.968	1.002	0.067	0.968	0.015	0.019	1.14	0.89
6	14.333	0.977	1022.55	1434.6	519.9	83.6	0.960	0.985	1.000	0.030	0.995	0.015	0.018	1.04	0.89
11	15.000	0.971	1016.12	1429.0	515.4	83.7	0.962	0.992	1.001	0.018	0.992	0.014	0.018	1.01	0.92
12	15.666	0.975	1021.02	1434.5	519.1	83.5	0.972	0.997	1.000	0.005	0.997	0.013	0.018	1.03	0.73
13	16.333	0.977	1023.10	1434.2	519.8	84.0	0.987	1.009	1.002	-0.014	1.008	0.010	0.020	1.14	0.59
14	17.000	0.979	1025.00	1430.0	519.3	84.0	1.004	1.021	1.002	-0.040	1.021	0.007	0.024	1.37	0.40
19	17.666	0.976	1022.71	1431.1	518.5	84.0	1.029	1.044	1.001	-0.087	1.044	0.005	0.033	1.79	0.28
20	18.333	0.980	1025.70	1429.7	519.6	84.0	1.065	1.072	1.001	-0.142	1.071	0.003	0.042	2.23	0.15
26	19.000	0.972	1019.38	1426.1	514.9	84.1	0.942	0.973	1.000	0.053	0.972	0.009	0.042	2.47	0.53

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	994	3.000	1.99	68	7.00	-3.00	6-313	7- 8-77	TRANSONIC 4T

POINT	X	Y	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	13.000	0.977	1023.76	1431.6	519.1	84.2	0.925	0.955	1.001	0.091	0.954	0.017	0.021	1.27	0.99
4	13.333	0.974	1022.66	1432.5	518.8	84.4	0.937	0.967	1.002	0.070	0.966	0.022	0.021	1.25	1.29
5	13.666	0.977	1023.23	1431.9	519.0	84.2	0.938	0.966	1.002	0.070	0.966	0.022	0.020	1.17	1.32
6	14.000	0.976	1022.30	1431.8	518.5	84.0	0.939	0.968	1.001	0.066	0.968	0.023	0.018	1.09	1.35
7	14.333	0.976	1022.59	1431.6	518.7	83.9	0.941	0.969	1.002	0.065	0.968	0.024	0.017	1.01	1.40
8	14.666	0.978	1023.71	1432.0	519.5	83.6	0.943	0.970	1.001	0.062	0.970	0.023	0.016	0.93	1.38
9	15.000	0.977	1023.14	1431.4	518.8	84.1	0.945	0.972	1.001	0.057	0.972	0.022	0.015	0.88	1.31
10	15.333	0.977	1022.97	1432.1	519.2	83.6	0.965	0.990	1.002	0.023	0.990	0.021	0.014	0.82	1.22
11	15.666	0.978	1023.78	1426.5	518.3	83.7	0.972	0.995	1.001	0.013	0.994	0.019	0.014	0.81	1.08
13	16.000	0.976	1021.97	1431.0	518.1	83.9	0.988	1.010	1.002	-0.018	1.010	0.016	0.015	0.85	0.88
14	16.333	0.976	1022.16	1431.5	518.6	83.5	1.002	1.022	1.001	-0.042	1.021	0.013	0.017	0.98	0.72
15	16.666	0.977	1023.17	1429.9	518.5	83.5	1.022	1.038	1.001	-0.074	1.038	0.010	0.021	1.18	0.54
16	17.000	0.980	1025.27	1429.6	519.4	83.7	1.046	1.056	1.001	-0.110	1.055	0.008	0.027	1.48	0.41
17	17.333	0.974	1021.56	1430.2	517.9	83.3	1.076	1.084	1.002	-0.166	1.084	0.005	0.036	1.93	0.28
19	17.666	0.977	1022.80	1428.5	517.8	83.5	1.108	1.109	1.001	-0.215	1.108	0.005	0.047	2.41	0.26
20	18.000	0.975	1021.67	1434.1	519.1	83.9	1.133	1.130	1.000	-0.260	1.129	0.003	0.057	2.91	0.17
21	18.333	0.975	1020.70	1433.9	518.7	83.4	1.146	1.142	0.999	-0.283	1.140	0.002	0.066	3.33	0.09
22	18.666	0.976	1023.32	1429.0	517.8	84.6	1.049	1.061	0.999	-0.124	1.060	0.014	0.050	2.71	0.76
23	19.000	0.978	1024.13	1431.7	519.6	83.7	0.929	0.957	0.999	0.083	0.956	0.018	0.039	2.35	1.08

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	995	7.904	1.99	68	7.00	-2.00	6-314	2- 8-77	TRANSONIC 4T

POINT	X	W	VM	PT	Q	TT	ML	VWL/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	13.000	0.971	1018.76	1432.6	516.7	84.5	0.934	0.967	1.001	0.067	0.967	0.023	0.025	1.46	1.38
7	13.333	0.972	1019.03	1433.6	517.4	84.1	0.934	0.967	1.001	0.068	0.966	0.025	0.024	1.39	1.51
8	13.666	0.973	1020.09	1433.0	517.8	84.0	0.936	0.967	1.001	0.067	0.967	0.027	0.022	1.31	1.61
9	14.000	0.974	1020.56	1431.7	517.6	84.0	0.936	0.967	1.002	0.068	0.967	0.029	0.020	1.21	1.69
10	14.333	0.974	1020.99	1430.3	517.3	84.0	0.938	0.968	1.001	0.066	0.967	0.030	0.018	1.07	1.79
11	14.666	0.976	1021.90	1431.6	518.3	83.9	0.939	0.968	1.002	0.067	0.967	0.031	0.015	0.91	1.83
12	15.000	0.977	1023.05	1430.8	518.7	83.9	0.942	0.970	1.001	0.063	0.969	0.030	0.013	0.76	1.79
13	15.333	0.978	1024.30	1433.7	520.2	84.2	0.958	0.983	1.001	0.036	0.982	0.028	0.010	0.58	1.62
14	15.666	0.976	1022.26	1430.4	518.3	83.4	0.968	0.993	1.002	0.017	0.993	0.024	0.008	0.48	1.36
15	16.000	0.978	1024.22	1427.3	518.1	83.7	0.988	1.008	1.002	-0.014	1.008	0.019	0.009	0.50	1.07
16	16.333	0.978	1023.88	1434.5	520.6	83.5	1.021	1.036	1.001	-0.071	1.036	0.014	0.013	0.71	0.78
17	16.666	0.976	1021.73	1430.7	518.1	83.4	1.053	1.065	1.001	-0.128	1.065	0.010	0.021	1.13	0.53
18	17.000	0.978	1023.85	1429.0	518.4	83.9	1.102	1.103	1.001	-0.205	1.103	0.008	0.034	1.75	0.43
19	17.333	0.977	1023.23	1433.3	519.8	83.6	1.143	1.137	1.000	-0.272	1.136	0.007	0.048	2.43	0.38
20	17.666	0.974	1020.18	1429.5	516.9	83.4	1.164	1.156	0.999	-0.312	1.155	0.004	0.063	3.11	0.20
21	18.000	0.976	1021.76	1429.3	517.6	83.4	1.183	1.169	0.998	-0.339	1.167	0.002	0.077	3.77	0.12
22	18.333	0.978	1023.91	1432.2	519.6	83.8	1.168	1.155	0.996	-0.313	1.153	0.007	0.072	3.59	0.35
23	18.666	0.975	1021.92	1429.3	517.4	84.1	0.920	0.952	0.996	0.089	0.951	0.023	0.040	2.42	1.39
24	19.000	0.977	1023.05	1432.6	519.5	83.4	0.914	0.945	0.997	0.105	0.944	0.025	0.036	2.18	1.53

TEST	PART	RPX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	996	3.003	1.90	68	7.00	-1.00	6-315	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	13.000	0.977	1023.56	1432.3	519.4	84.0	0.934	0.962	1.001	0.077	0.961	0.026	0.031	1.83	1.56
3	13.333	0.979	1024.27	1432.3	520.0	83.6	0.935	0.962	1.001	0.077	0.961	0.030	0.030	1.80	1.77
4	13.666	0.978	1023.62	1430.2	518.7	83.8	0.934	0.963	1.002	0.077	0.962	0.033	0.030	1.78	1.95
5	14.000	0.978	1024.11	1431.5	519.3	84.1	0.935	0.963	1.001	0.076	0.962	0.037	0.029	1.70	2.21
6	14.333	0.977	1023.09	1432.7	519.3	83.9	0.934	0.963	1.002	0.077	0.962	0.042	0.026	1.55	2.48
7	14.666	0.978	1024.55	1430.9	519.3	84.3	0.932	0.960	1.000	0.080	0.959	0.046	0.021	1.25	2.76
8	15.000	0.977	1024.50	1424.1	516.5	84.9	0.929	0.958	1.001	0.086	0.956	0.049	0.013	0.76	2.93
9	15.333	0.977	1022.96	1430.3	518.3	84.1	0.931	0.961	1.001	0.080	0.959	0.046	0.001	0.04	2.76
10	15.666	0.976	1022.02	1430.9	518.3	83.6	0.936	0.965	1.002	0.073	0.964	0.037	-0.008	-0.48	2.17
11	16.000	0.977	1023.75	1426.1	516.9	84.1	0.949	0.993	1.001	0.016	0.993	0.025	-0.011	-0.62	1.41
14	16.333	0.975	1020.98	1433.9	518.7	83.7	1.043	1.058	1.001	-0.115	1.058	0.015	-0.001	-0.08	0.83
15	16.666	0.973	1019.56	1426.2	515.2	83.7	1.130	1.131	1.001	-0.259	1.130	0.013	0.023	1.19	0.67
16	17.000	0.977	1023.02	1431.3	518.8	83.8	1.184	1.169	1.000	-0.336	1.168	0.012	0.048	2.36	0.59
19	17.333	0.974	1022.25	1427.5	517.1	83.7	1.208	1.188	0.997	-0.377	1.186	0.009	0.072	3.47	0.42
20	17.666	0.977	1027.49	1429.9	518.3	83.2	1.221	1.197	0.994	-0.397	1.194	0.006	0.088	4.23	0.30
21	18.000	0.978	1024.40	1437.6	519.8	84.2	1.196	1.177	0.991	-0.361	1.175	0.010	0.074	3.60	0.51
22	18.333	0.974	1019.88	1430.4	517.0	83.5	0.927	0.959	0.983	0.071	0.958	0.029	0.038	2.27	1.74
23	18.666	0.975	1021.36	1426.4	517.0	83.5	0.912	0.944	0.996	0.104	0.943	0.034	0.035	2.15	2.06
24	19.000	0.978	1023.57	1429.2	518.4	83.7	0.915	0.945	0.997	0.104	0.944	0.037	0.033	1.98	2.24

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	997	2.000	1.99	6A	-4.00	-5.00	6-316	2- 8-77	

POINT	X	M	VW	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	11.000	0.973	1019.57	1427.7	515.6	83.9	0.937	0.969	1.005	0.070	0.968	0.019	0.022	1.33	1.13
6	12.333	0.976	1022.30	1433.8	519.3	83.9	0.935	0.964	1.001	0.073	0.964	-0.012	0.020	1.20	-0.70
7	13.666	0.978	1024.15	1433.4	520.1	84.0	0.940	0.967	1.001	0.048	0.967	-0.012	0.016	0.96	-0.71
8	15.000	0.977	1023.16	1431.0	518.8	83.8	0.969	0.993	1.001	0.016	0.993	-0.009	0.016	0.94	-0.53
9	16.333	0.977	1027.80	1429.6	518.7	83.6	0.989	1.019	1.002	-0.035	1.018	-0.005	0.025	1.38	-0.30
11	17.666	0.974	1020.28	1430.9	517.3	83.6	1.040	1.056	1.001	-0.111	1.055	-0.002	0.039	2.11	-0.12
12	19.000	0.977	1023.52	1431.5	518.1	84.0	0.969	0.993	1.000	0.014	0.992	-0.012	0.039	2.26	-0.78

AD-A062 274 NIELSEN ENGINEERING AND RESEARCH INC MOUNTAIN VIEW CALIF F/G 1/3
DATA REPORT FOR A TEST PROGRAM TO STUDY TRANSONIC FLOW FIELDS A--ETC(U)
JUL 77 S C PERKINS, S S STAHARA, M J HEMSCH F44620-75-C-0047
UNCLASSIFIED NEAR-TR-138-VOL-5 AFOSR-TR-78-1489 NL

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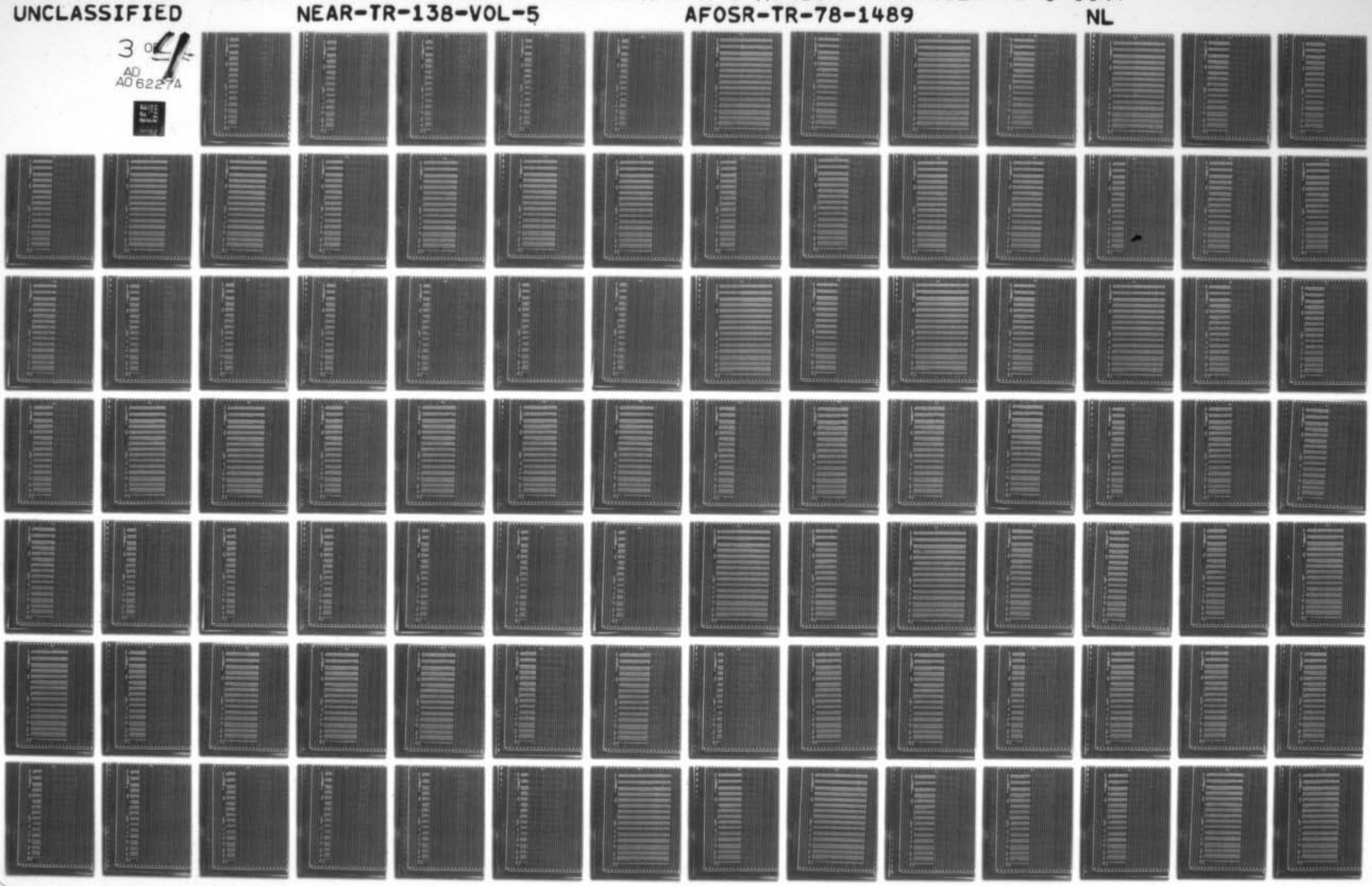

TEST	PART	REY10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	99M	3.003	1.99	6B	-4.00	-3.00	6-317	2- 8-77	

POINT	X	M	VV	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	0.974	1020.73	1432.9	518.2	83.8	0.925	0.957	1.001	0.088	0.956	-0.012	0.026	1.53	-0.74
3	12.333	0.978	1023.76	1433.0	520.0	83.4	0.926	0.954	1.001	0.092	0.954	-0.016	0.016	0.94	-0.98
6	13.666	0.976	1024.23	1426.4	517.8	83.6	0.937	0.964	1.002	0.075	0.964	-0.015	0.007	0.40	-0.89
9	15.000	0.976	1020.41	1435.2	519.0	83.7	0.975	1.001	1.002	0.001	1.001	-0.007	0.010	0.60	-0.41
10	16.333	0.978	1023.69	1423.6	516.4	83.7	1.026	1.040	1.001	-0.079	1.040	0.001	0.029	1.61	0.07
11	17.666	0.980	1025.52	1432.1	520.3	84.0	1.096	1.097	1.000	-0.194	1.096	0.001	0.052	2.70	0.07
13	19.000	0.975	1021.68	1421.0	514.1	83.7	0.975	0.957	1.001	0.088	0.956	-0.015	0.033	1.99	-0.90

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	990	3.019	1.90	60	-4.00	-1.00	6-318	2- 8-77	TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
1	11.000	0.976	1022.45	1438.8	521.1	84.0	0.913	0.945	1.000	0.110	0.944	-0.026	0.031	1.87	-1.56
2	12.333	0.978	1021.62	1423.6	515.3	83.6	0.897	0.931	1.001	0.139	0.930	-0.051	0.007	0.43	-3.16
3	13.666	0.976	1022.21	1440.8	521.9	83.8	0.926	0.956	1.001	0.099	0.955	-0.079	-0.029	-1.76	-1.76
5	15.000	0.978	1021.12	1446.7	523.3	84.0	0.994	1.017	1.001	-0.032	1.016	-0.002	-0.008	-0.44	-0.12
6	16.333	0.976	1022.44	1415.3	512.7	83.8	1.056	1.067	1.000	-0.134	1.067	0.007	0.033	1.75	0.36
7	17.666	0.974	1022.26	1439.9	520.3	83.4	1.060	1.072	0.999	-0.146	1.071	-0.012	0.048	2.59	-0.63
9	19.000	0.976	1022.05	1441.7	522.0	84.0	0.971	0.952	1.001	0.096	0.952	-0.021	0.023	1.39	-1.28

TEST	PART	RFXIC-6	ALFA	WING	Y	Z	PMM SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1000	3.005	1.99	6A	-7.00	-5.00	6-319	2- 8-77	TRANSONIC 4T

POINT	Y	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
13	13.666	0.977	1022.61	1431.6	518.9	83.4	0.941	0.969	1.002	0.066	0.968	-0.014	0.028	1.69	-0.84
16	15.000	0.978	1024.53	1423.7	515.8	84.0	0.962	0.986	1.002	0.031	0.986	-0.014	0.027	1.58	-0.83
21	16.333	0.975	1020.57	1420.6	514.0	83.5	0.987	1.011	1.001	-0.019	1.010	-0.009	0.030	1.70	-0.53
25	17.666	0.974	1020.31	1419.4	513.7	83.6	1.032	1.050	1.002	-0.097	1.049	-0.003	0.042	2.31	-0.18
27	19.000	0.973	1019.95	1423.5	514.3	84.0	0.965	0.993	1.001	0.015	0.992	-0.009	0.053	3.08	-0.94

TEST	PART	PFX10-6	ALPA	WING	Y	Z	BJW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1001	2.991	1.09	68	-7.00	-3.00	6-320	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTI/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BNL
4	13.666	0.971	1017.97	1429.3	515.3	84.0	0.938	0.971	1.001	0.060	0.970	-0.021	0.028	1.68	-1.24
5	15.000	0.977	1023.19	1431.8	519.1	83.8	0.959	0.984	1.002	0.034	0.984	-0.021	0.023	1.36	-1.24
7	16.333	0.977	1023.33	1433.0	519.4	84.3	1.005	1.024	1.002	-0.045	1.023	-0.011	0.026	1.44	-0.62
8	17.666	0.977	1022.94	1433.9	519.8	83.7	1.115	1.115	1.001	-0.228	1.113	-0.002	0.056	2.86	-0.10
9	19.000	0.971	1017.79	1434.9	517.4	83.6	0.917	0.952	0.998	0.092	0.951	-0.016	0.049	2.94	-0.98

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1002	3.009	1.99	66	-7.00	-1.00	6-321	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	13.666	0.977	1023.10	1434.9	520.2	83.4	0.933	0.962	1.001	0.078	0.961	-0.033	0.040	2.39	-1.98
4	15.000	0.976	1022.63	1434.6	519.7	84.0	0.928	0.958	1.001	0.085	0.957	-0.051	0.021	1.24	-3.05
5	16.333	0.978	1024.14	1436.5	521.1	84.2	1.051	1.052	1.001	-0.123	1.082	-0.018	0.010	0.52	-0.95
6	17.666	0.971	1017.83	1434.8	517.5	83.5	1.212	1.196	0.994	-0.395	1.192	-0.003	0.092	4.40	-0.18
7	19.000	0.977	1022.99	1435.6	520.3	84.0	0.917	0.948	0.996	0.098	0.946	-0.039	0.043	2.62	-2.36

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1004	3.005	7.00	60	0.00	-14.14	7-501	2- 8-77	

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SNTL
12	-6.000	0.976	1021.72	1431.8	518.6	83.3	0.968	0.993	1.002	0.017	0.993	0.002	0.006	0.36	0.14
13	-5.500	0.976	1021.91	1432.2	518.5	83.9	0.968	0.993	1.002	0.016	0.993	0.002	0.006	0.36	0.12
14	-5.000	0.976	1022.40	1433.1	519.1	83.9	0.967	0.992	1.001	0.018	0.992	0.002	0.006	0.34	0.14
15	-4.500	0.975	1021.13	1432.9	518.5	83.5	0.965	0.992	1.001	0.019	0.992	0.002	0.006	0.35	0.14
16	-4.000	0.974	1020.38	1432.8	518.1	83.6	0.963	0.990	1.001	0.021	0.990	0.002	0.006	0.34	0.12
17	-3.500	0.974	1020.07	1433.5	518.2	83.6	0.963	0.991	1.001	0.020	0.991	0.002	0.006	0.34	0.13
18	-3.000	0.973	1018.99	1432.6	517.3	83.5	0.961	0.990	1.001	0.022	0.990	0.002	0.005	0.31	0.13
19	-2.500	0.972	1018.83	1431.8	516.9	83.8	0.961	0.990	1.002	0.022	0.990	0.002	0.005	0.29	0.12
20	-2.000	0.972	1019.22	1432.7	517.2	84.0	0.959	0.988	1.001	0.026	0.988	0.002	0.005	0.27	0.12
21	-1.500	0.975	1021.40	1433.1	518.4	84.2	0.960	0.988	1.001	0.026	0.988	0.002	0.004	0.23	0.13
22	-1.000	0.974	1020.38	1432.7	517.7	84.2	0.961	0.989	1.002	0.024	0.989	0.002	0.004	0.22	0.13
23	-0.500	0.973	1020.10	1433.8	518.0	84.2	0.959	0.988	1.001	0.026	0.988	0.002	0.003	0.18	0.12
24	0.000	0.972	1018.93	1432.7	517.1	83.9	0.945	0.976	1.001	0.050	0.976	0.002	0.002	0.14	0.12
25	0.500	0.975	1021.26	1433.0	519.4	84.0	0.959	0.987	1.001	0.028	0.987	0.002	0.002	0.10	0.12
26	1.000	0.974	1020.68	1433.3	517.8	84.0	0.960	0.988	1.002	0.028	0.988	0.002	0.001	0.06	0.12
27	1.500	0.973	1018.87	1432.2	517.1	83.4	0.945	0.976	1.002	0.051	0.976	0.002	0.001	0.03	0.14
28	2.000	0.974	1021.89	1432.9	518.7	84.0	0.960	0.987	1.001	0.029	0.987	0.002	-0.000	-0.01	0.11
29	2.500	0.975	1021.76	1432.3	518.4	84.1	0.963	0.989	1.002	0.024	0.989	0.002	-0.000	-0.02	0.11
30	3.000	0.974	1021.14	1432.8	518.2	84.1	0.963	0.990	1.001	0.022	0.990	0.002	-0.001	-0.06	0.12
31	3.500	0.973	1019.52	1431.8	517.1	83.9	0.962	0.990	1.002	0.022	0.990	0.002	-0.001	-0.08	0.11
32	4.000	0.973	1020.88	1433.4	517.8	84.2	0.966	0.993	1.001	0.015	0.993	0.002	-0.002	-0.12	0.11
33	4.500	0.977	1022.67	1433.2	519.5	83.4	0.967	0.992	1.001	0.019	0.992	0.002	-0.002	-0.12	0.11
34	5.000	0.977	1023.10	1433.3	519.5	84.0	0.970	0.994	1.001	0.013	0.994	0.002	-0.003	-0.14	0.11
35	5.500	0.976	1022.06	1433.4	518.9	84.1	0.973	0.998	1.002	0.007	0.998	0.002	-0.002	-0.13	0.10
36	6.000	0.976	1022.05	1433.2	518.9	84.0	0.972	0.997	1.001	0.008	0.997	0.002	-0.002	-0.12	0.10
37	6.500	0.975	1021.04	1433.3	518.6	83.6	0.975	1.000	1.002	0.002	1.000	0.002	-0.002	-0.10	0.11
38	7.000	0.974	1020.54	1433.3	518.2	83.9	0.975	1.001	1.001	0.001	1.001	0.002	-0.001	-0.07	0.09
39	7.500	0.974	1020.71	1433.6	518.5	83.7	0.975	1.000	1.002	0.002	1.000	0.002	-0.000	-0.02	0.10
40	8.000	0.975	1021.25	1434.6	519.1	83.8	0.972	0.998	1.000	0.006	0.998	0.002	-0.000	-0.01	0.09
41	8.500	0.974	1020.88	1432.8	518.1	84.0	0.970	0.996	1.002	0.010	0.996	0.002	0.000	0.02	0.09
42	9.000	0.975	1021.02	1434.0	518.7	83.8	0.965	0.992	1.001	0.018	0.992	0.002	0.000	0.01	0.10
43	9.500	0.975	1020.86	1433.5	518.6	83.6	0.962	0.989	1.001	0.024	0.989	0.002	-0.000	-0.02	0.10
44	10.000	0.975	1020.79	1433.9	518.8	83.3	0.962	0.989	1.001	0.024	0.989	0.001	-0.001	-0.03	0.08
45	10.500	0.975	1020.66	1433.3	518.5	83.4	0.959	0.986	1.002	0.031	0.986	0.002	-0.001	-0.07	0.10
47	11.000	0.975	1021.20	1433.4	518.8	83.5	0.944	0.973	1.001	0.055	0.973	0.002	-0.001	-0.07	0.09
48	11.500	0.976	1022.43	1433.9	519.5	84.0	0.945	0.973	1.001	0.056	0.973	0.001	-0.001	-0.08	0.07
49	12.000	0.976	1022.60	1433.3	519.2	84.0	0.959	0.985	1.001	0.032	0.985	0.002	-0.002	-0.11	0.09
50	12.500	0.978	1024.23	1436.1	520.5	83.7	0.959	0.983	1.001	0.034	0.983	0.002	-0.002	-0.11	0.10
51	13.000	0.979	1024.79	1433.3	520.5	83.7	0.940	0.984	1.001	0.034	0.984	0.002	-0.002	-0.14	0.10
52	13.500	0.979	1025.09	1433.7	520.7	83.8	0.962	0.985	1.001	0.032	0.985	0.002	-0.002	-0.13	0.09
53	14.000	0.976	1022.25	1433.7	519.4	83.6	0.961	0.987	1.001	0.028	0.987	0.002	-0.002	-0.14	0.09
54	14.500	0.979	1025.03	1433.4	520.6	83.9	0.963	0.987	1.001	0.029	0.987	0.002	-0.002	-0.13	0.09
55	15.000	0.976	1021.98	1432.5	518.7	83.9	0.966	0.991	1.002	0.020	0.991	0.001	-0.002	-0.12	0.08
56	15.500	0.976	1022.70	1433.1	519.3	83.9	0.968	0.993	1.001	0.016	0.993	0.001	-0.002	-0.11	0.08

TEST	PART	RPX10-6	ALFA	NYNG	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1004	3.005	2.00	48	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UT/VW	VT/VW	WT/VW	AATL	BNTL
57	16.000	0.977	1023.40	1432.8	519.3	86.3	0.970	0.994	1.001	0.014	0.994	0.001	-0.001	-0.07	0.07
58	16.500	0.976	1021.00	1432.9	518.7	84.0	0.974	0.999	1.001	0.003	0.999	0.001	-0.000	-0.02	0.08
59	17.000	0.975	1021.55	1433.0	518.6	83.9	0.974	0.999	1.001	0.003	0.999	0.002	0.001	0.05	0.09
60	17.500	0.975	1021.27	1431.7	518.3	83.3	0.979	1.003	1.002	-0.003	1.003	0.002	0.002	0.12	0.09
61	18.000	0.978	1022.91	1432.8	519.7	84.0	0.983	1.005	1.001	-0.009	1.005	0.002	0.004	0.21	0.10
62	18.500	0.977	1022.87	1431.6	518.8	83.9	0.966	1.008	1.001	-0.014	1.008	0.002	0.005	0.29	0.10
63	19.000	0.977	1023.50	1431.5	519.1	84.0	0.980	1.003	1.001	-0.003	1.003	0.002	0.006	0.38	0.10
64	19.500	0.978	1024.11	1431.5	519.6	83.6	0.975	0.997	1.001	0.008	0.997	0.002	0.006	0.37	0.10
65	20.000	0.977	1023.21	1431.3	519.0	83.6	0.970	0.994	1.002	0.016	0.994	0.002	0.006	0.35	0.09
66	20.500	0.976	1021.95	1432.1	518.4	84.0	0.964	0.990	1.001	0.021	0.990	0.002	0.006	0.34	0.09
67	21.000	0.973	1019.75	1431.5	517.1	83.9	0.961	0.990	1.002	0.023	0.990	0.002	0.005	0.27	0.10
68	21.500	0.975	1022.11	1431.7	518.2	84.3	0.962	0.988	1.001	0.025	0.988	0.001	0.005	0.27	0.09
69	22.000	0.978	1023.40	1432.2	519.5	83.8	0.966	0.990	1.001	0.022	0.990	0.002	0.005	0.27	0.09
70	22.500	0.973	1019.31	1431.7	517.0	83.4	0.963	0.991	1.002	0.070	0.991	0.002	0.004	0.24	0.09
71	23.000	0.975	1020.79	1431.9	518.1	83.4	0.963	0.990	1.001	0.022	0.990	0.002	0.004	0.25	0.09
72	23.500	0.976	1020.92	1431.6	518.1	83.3	0.965	0.991	1.001	0.020	0.991	0.002	0.004	0.24	0.10
73	24.000	0.977	1022.61	1432.2	519.0	83.6	0.966	0.991	1.001	0.020	0.991	0.001	0.005	0.26	0.07

TEST	PART	RNX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TF-484	1005	2.999	2.00	6A	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
2	-6.000	0.971	1017.72	1432.1	515.4	83.6	0.968	0.997	1.001	0.008	0.997	0.002	0.006	0.34	0.13
5	-5.500	0.973	1018.64	1431.3	516.9	84.0	0.961	0.990	1.002	0.023	0.990	0.002	0.000	0.01	0.12
6	-5.000	0.974	1018.89	1431.9	517.5	83.6	0.963	0.991	1.001	0.020	0.991	0.002	0.000	0.01	0.13
7	-4.500	0.973	1019.48	1431.7	517.2	83.6	0.962	0.991	1.001	0.021	0.991	0.002	0.000	0.01	0.11
8	-4.000	0.973	1019.44	1431.1	516.8	83.8	0.959	0.988	1.001	0.026	0.988	0.003	0.000	0.00	0.15
9	-3.500	0.973	1018.83	1431.8	517.4	83.7	0.961	0.989	1.001	0.024	0.989	0.002	-0.000	-0.00	0.14
10	-3.000	0.973	1018.97	1431.3	516.8	83.5	0.959	0.988	1.001	0.026	0.988	0.003	-0.001	-0.03	0.16
11	-2.500	0.972	1018.52	1431.7	516.5	83.6	0.958	0.988	1.001	0.026	0.988	0.003	-0.001	-0.03	0.15
12	-2.000	0.974	1019.95	1431.3	517.3	83.6	0.960	0.988	1.002	0.027	0.988	0.003	-0.001	-0.05	0.16
13	-1.500	0.974	1018.58	1431.6	517.3	83.3	0.945	0.975	1.001	0.052	0.975	0.003	-0.001	-0.08	0.19
14	-1.000	0.973	1018.44	1431.9	517.2	83.6	0.944	0.975	1.001	0.051	0.975	0.003	-0.002	-0.10	0.19
15	-0.500	0.974	1020.52	1431.8	517.8	83.6	0.945	0.974	1.001	0.054	0.974	0.004	-0.002	-0.12	0.21
16	0.000	0.974	1019.94	1430.9	517.1	83.6	0.944	0.974	1.001	0.053	0.974	0.004	-0.002	-0.15	0.22
17	0.500	0.973	1018.49	1431.0	516.8	83.7	0.944	0.975	1.001	0.052	0.975	0.004	-0.003	-0.19	0.24
18	1.000	0.972	1018.55	1431.6	516.8	83.4	0.944	0.975	1.001	0.051	0.975	0.004	-0.004	-0.21	0.25
20	1.500	0.974	1020.74	1431.5	517.6	83.8	0.945	0.974	1.001	0.054	0.974	0.005	-0.004	-0.23	0.28
21	2.000	0.973	1018.68	1430.8	516.9	83.7	0.958	0.987	1.002	0.029	0.987	0.005	-0.004	-0.25	0.29
22	2.500	0.973	1019.18	1431.5	517.0	83.5	0.958	0.987	1.001	0.028	0.987	0.005	-0.005	-0.29	0.31
23	3.000	0.972	1018.32	1431.3	516.6	84.4	0.960	0.990	1.002	0.023	0.990	0.006	-0.005	-0.29	0.33
24	3.500	0.974	1021.23	1431.4	517.4	84.8	0.962	0.990	1.002	0.022	0.990	0.006	-0.006	-0.32	0.33
25	4.000	0.973	1019.38	1431.7	517.1	83.7	0.963	0.992	1.001	0.019	0.992	0.006	-0.006	-0.35	0.33
26	4.500	0.972	1018.66	1431.3	516.5	83.8	0.964	0.993	1.001	0.017	0.993	0.006	-0.006	-0.34	0.34
27	5.000	0.972	1018.48	1431.5	516.6	83.6	0.967	0.996	1.001	0.011	0.996	0.006	-0.006	-0.33	0.33
28	5.500	0.973	1019.78	1430.3	516.6	84.1	0.967	0.994	1.001	0.013	0.994	0.006	-0.006	-0.33	0.33
29	6.000	0.975	1021.15	1431.7	518.0	83.8	0.972	0.997	1.001	0.007	0.997	0.005	-0.006	-0.33	0.31
30	6.500	0.975	1021.10	1430.9	517.6	84.0	0.975	1.000	1.001	0.002	1.000	0.005	-0.005	-0.31	0.31
31	7.000	0.975	1021.15	1432.6	518.3	83.8	0.975	1.000	1.001	0.001	1.000	0.005	-0.005	-0.29	0.28
32	7.500	0.975	1021.17	1431.2	517.7	84.0	0.975	1.000	1.002	0.003	1.000	0.005	-0.005	-0.27	0.27
33	8.000	0.975	1020.08	1432.1	518.1	83.6	0.973	0.998	1.001	0.005	0.998	0.004	-0.004	-0.25	0.22
34	8.500	0.975	1022.14	1432.3	518.4	84.4	0.971	0.996	1.001	0.010	0.996	0.004	-0.004	-0.24	0.22
35	9.000	0.975	1021.33	1431.5	517.9	84.2	0.967	0.993	1.002	0.016	0.993	0.004	-0.004	-0.22	0.22
36	9.500	0.975	1022.22	1431.9	518.4	84.3	0.964	0.990	1.001	0.021	0.990	0.004	-0.004	-0.24	0.25
37	10.000	0.975	1021.46	1431.7	518.2	83.6	0.962	0.989	1.002	0.025	0.989	0.004	-0.004	-0.25	0.25
38	10.500	0.976	1022.05	1432.3	518.6	84.0	0.960	0.987	1.001	0.029	0.987	0.005	-0.005	-0.27	0.26
39	11.000	0.976	1022.55	1433.0	519.2	83.8	0.960	0.986	1.001	0.030	0.986	0.005	-0.005	-0.28	0.27
40	11.500	0.977	1022.72	1432.9	519.2	83.3	0.960	0.985	1.002	0.032	0.985	0.005	-0.005	-0.29	0.30
41	12.000	0.978	1023.80	1432.7	519.7	83.6	0.960	0.985	1.001	0.033	0.984	0.006	-0.005	-0.32	0.33
42	12.500	0.978	1023.82	1431.7	519.4	83.7	0.960	0.985	1.002	0.033	0.985	0.006	-0.006	-0.36	0.33
43	13.000	0.978	1024.37	1432.0	519.8	83.8	0.960	0.984	1.001	0.034	0.984	0.006	-0.006	-0.33	0.37
44	13.500	0.979	1024.58	1433.5	520.3	84.1	0.963	0.986	1.001	0.028	0.986	0.006	-0.006	-0.37	0.36
45	14.000	0.979	1025.39	1432.4	520.2	84.4	0.964	0.987	1.002	0.028	0.987	0.007	-0.007	-0.39	0.38
46	14.500	0.977	1022.96	1432.8	519.4	83.7	0.965	0.989	1.001	0.023	0.989	0.007	-0.007	-0.38	0.38
47	15.000	0.978	1024.64	1431.8	519.6	84.1	0.967	0.991	1.002	0.022	0.991	0.007	-0.007	-0.40	0.38
48	15.500	0.978	1023.57	1432.7	519.6	83.8	0.969	0.993	1.002	0.017	0.993	0.007	-0.007	-0.38	0.38

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-404	1009	2.499	2.00	68	10.00	-10.00	7-502	2- 8-77	

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
51	16.000	0.975	1021.41	1432.7	518.6	83.6	0.972	0.998	1.002	0.007	0.997	0.006	-0.006	-0.34	0.36
52	16.500	0.978	1023.84	1432.7	519.7	83.8	0.977	0.999	1.001	0.004	0.999	0.006	-0.005	-0.31	0.35
54	17.000	0.976	1022.19	1432.9	518.8	84.1	0.982	1.005	1.002	-0.008	1.006	0.005	-0.005	-0.27	0.30
55	17.500	0.977	1024.21	1432.7	519.4	84.0	0.983	1.005	1.001	-0.008	1.005	0.004	-0.003	-0.16	0.26
56	18.000	0.978	1024.50	1433.0	520.0	84.3	0.989	1.009	1.001	-0.016	1.009	0.003	-0.001	-0.07	0.19
57	18.500	0.977	1023.16	1432.3	519.3	83.8	0.993	1.014	1.001	-0.026	1.014	0.002	0.001	0.05	0.16
58	19.000	0.976	1022.14	1432.0	518.5	84.0	0.997	1.018	1.002	-0.034	1.018	0.002	0.004	0.22	0.11
59	19.500	0.978	1023.81	1432.8	519.7	83.8	0.979	1.001	1.001	-0.001	1.001	0.003	0.004	0.24	0.14
61	20.000	0.976	1022.44	1432.1	518.8	84.0	0.969	0.993	1.001	0.015	0.993	0.003	0.004	0.22	0.18
62	20.500	0.978	1024.01	1431.9	519.4	84.1	0.963	0.987	1.001	0.028	0.987	0.003	0.002	0.14	0.18
63	21.000	0.977	1022.90	1432.7	519.1	83.8	0.961	0.987	1.001	0.029	0.987	0.003	0.002	0.09	0.19
65	21.500	0.975	1021.44	1432.4	518.5	83.6	0.961	0.988	1.001	0.026	0.988	0.004	0.001	0.05	0.24
66	22.000	0.977	1023.01	1432.4	519.2	83.8	0.962	0.987	1.001	0.028	0.987	0.004	0.001	0.04	0.22
67	22.500	0.977	1023.04	1433.0	519.5	83.8	0.964	0.989	1.001	0.024	0.989	0.004	0.001	0.04	0.25
68	23.000	0.977	1023.34	1432.3	519.3	84.0	0.965	0.990	1.001	0.023	0.990	0.004	0.000	0.03	0.26
69	23.500	0.979	1024.96	1432.2	520.1	84.0	0.967	0.990	1.001	0.022	0.990	0.004	0.000	0.01	0.25
70	24.000	0.976	1022.17	1432.7	519.8	84.0	0.967	0.992	1.001	0.017	0.992	0.004	0.000	0.00	0.25

TEST	PART	MEXIO-A	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1006	3.001	2.00	48	14.14	0.00	7-503	2-8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	M1	VM1/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
3	-6.000	0.972	1018.97	1432.4	517.1	83.7	0.970	0.998	1.002	0.007	0.998	0.002	0.001	0.06	0.14
4	-5.500	0.973	1019.41	1433.4	517.7	83.8	0.962	0.990	1.001	0.021	0.990	0.003	0.003	0.16	0.15
5	-5.000	0.975	1021.06	1433.0	518.4	83.9	0.963	0.990	1.001	0.022	0.990	0.002	0.003	0.17	0.13
6	-4.500	0.975	1021.57	1433.1	518.6	84.0	0.964	0.991	1.002	0.021	0.991	0.002	0.003	0.16	0.14
7	-4.000	0.975	1020.87	1432.8	518.4	83.5	0.964	0.991	1.001	0.021	0.991	0.002	0.003	0.16	0.14
8	-3.500	0.975	1020.96	1433.5	518.7	83.5	0.962	0.988	1.001	0.025	0.989	0.003	0.003	0.18	0.15
9	-3.000	0.975	1021.73	1432.6	518.6	83.9	0.960	0.987	1.002	0.029	0.987	0.002	0.003	0.15	0.14
10	-2.500	0.975	1021.12	1432.0	518.1	83.7	0.958	0.986	1.002	0.031	0.986	0.003	0.003	0.16	0.18
11	-2.000	0.975	1021.93	1432.8	518.6	84.1	0.960	0.987	1.001	0.028	0.987	0.003	0.003	0.17	0.20
12	-1.500	0.976	1021.03	1432.6	518.1	84.1	0.958	0.986	1.001	0.029	0.986	0.004	0.003	0.15	0.23
13	-1.000	0.975	1021.11	1432.7	518.4	83.6	0.944	0.973	1.001	0.056	0.973	0.004	0.003	0.17	0.24
14	-0.500	0.975	1021.39	1432.9	518.4	84.1	0.946	0.973	1.001	0.055	0.973	0.005	0.003	0.15	0.29
15	0.000	0.975	1021.65	1433.6	518.6	84.4	0.944	0.973	1.001	0.055	0.973	0.005	0.003	0.16	0.30
16	0.500	0.974	1020.46	1431.9	517.6	83.9	0.944	0.974	1.002	0.056	0.974	0.006	0.002	0.14	0.33
17	1.000	0.974	1020.19	1432.8	518.1	83.4	0.944	0.974	1.001	0.055	0.973	0.006	0.003	0.15	0.38
18	1.500	0.974	1020.76	1432.8	518.1	83.9	0.943	0.973	1.001	0.055	0.973	0.007	0.003	0.15	0.40
19	2.000	0.974	1020.21	1432.5	517.9	83.6	0.944	0.974	1.001	0.054	0.974	0.007	0.003	0.15	0.43
20	2.500	0.973	1019.28	1431.7	517.0	83.7	0.944	0.975	1.002	0.053	0.975	0.007	0.002	0.13	0.44
21	3.000	0.974	1020.31	1432.5	517.9	83.6	0.959	0.987	1.001	0.028	0.987	0.008	0.002	0.12	0.46
22	3.500	0.973	1019.45	1432.0	517.3	83.5	0.960	0.988	1.002	0.026	0.988	0.008	0.002	0.11	0.48
23	4.000	0.974	1020.17	1433.5	518.3	83.5	0.963	0.990	1.001	0.022	0.990	0.008	0.002	0.12	0.48
24	4.500	0.973	1019.68	1431.7	517.3	83.5	0.963	0.991	1.002	0.020	0.991	0.008	0.002	0.13	0.47
25	5.000	0.974	1020.49	1432.3	517.8	83.8	0.966	0.993	1.001	0.017	0.993	0.008	0.002	0.13	0.48
26	5.500	0.974	1021.09	1432.7	518.2	84.1	0.968	0.995	1.001	0.013	0.995	0.008	0.002	0.11	0.47
27	6.000	0.976	1021.81	1433.1	518.8	83.8	0.970	0.995	1.001	0.011	0.995	0.008	0.002	0.12	0.44
28	6.500	0.975	1021.39	1432.7	518.4	83.9	0.973	0.998	1.001	0.006	0.998	0.007	0.002	0.14	0.41
29	7.000	0.976	1022.19	1432.9	518.9	83.9	0.974	0.998	1.001	0.005	0.998	0.006	0.002	0.13	0.37
30	7.500	0.976	1022.11	1432.9	519.0	83.6	0.974	0.998	1.001	0.005	0.998	0.006	0.002	0.12	0.32
31	8.000	0.977	1023.07	1432.5	519.3	83.7	0.977	1.000	1.001	0.003	0.999	0.005	0.002	0.13	0.28
32	8.500	0.978	1023.38	1432.8	519.8	83.3	0.975	0.998	1.002	0.007	0.998	0.005	0.003	0.15	0.26
33	9.000	0.979	1024.99	1433.5	520.7	83.7	0.971	0.993	1.001	0.015	0.993	0.004	0.003	0.15	0.25
34	9.500	0.978	1024.07	1431.8	519.5	83.9	0.969	0.992	1.002	0.019	0.992	0.005	0.003	0.15	0.26
35	10.000	0.978	1024.75	1432.2	519.7	84.6	0.967	0.990	1.002	0.022	0.990	0.005	0.002	0.13	0.29
36	10.500	0.979	1025.34	1432.7	520.4	84.1	0.965	0.988	1.001	0.026	0.988	0.005	0.002	0.14	0.31
37	11.000	0.976	1022.41	1433.1	519.2	83.8	0.961	0.987	1.001	0.028	0.987	0.006	0.003	0.15	0.35
38	11.500	0.977	1023.43	1431.9	519.2	84.0	0.962	0.987	1.002	0.029	0.987	0.007	0.003	0.15	0.39
39	12.000	0.978	1023.91	1432.4	519.7	83.7	0.961	0.986	1.001	0.031	0.986	0.007	0.003	0.16	0.40
40	12.500	0.978	1024.77	1431.2	519.5	84.2	0.962	0.986	1.002	0.031	0.986	0.008	0.003	0.16	0.44
41	13.000	0.976	1022.06	1432.1	518.6	83.8	0.963	0.989	1.002	0.025	0.989	0.008	0.003	0.16	0.48
42	13.500	0.976	1022.64	1431.9	518.7	84.0	0.963	0.989	1.002	0.025	0.989	0.009	0.003	0.19	0.49
43	14.000	0.978	1024.27	1432.4	519.5	84.5	0.966	0.990	1.001	0.023	0.990	0.009	0.003	0.20	0.51
44	14.500	0.979	1025.09	1432.8	520.3	84.1	0.968	0.991	1.001	0.021	0.990	0.009	0.004	0.20	0.53
45	15.000	0.978	1024.28	1432.6	519.7	84.4	0.969	0.993	1.001	0.018	0.993	0.009	0.004	0.24	0.52
46	15.500	0.977	1023.34	1431.4	518.8	84.2	0.972	0.996	1.002	0.010	0.996	0.009	0.004	0.25	0.53

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-464	1006	3.001	2.00	68	14.14	0.00	7	503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VPL/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
47	16.000	0.977	1023.39	1432.0	519.3	83.8	0.975	0.998	1.002	0.007	0.998	0.009	0.004	0.24	0.50
48	16.500	0.977	1022.98	1432.3	519.4	83.4	0.981	1.003	1.001	-0.004	1.003	0.007	0.005	0.30	0.42
49	17.000	0.977	1022.93	1432.6	519.3	83.7	0.987	1.009	1.001	-0.016	1.009	0.005	0.006	0.32	0.29
50	17.500	0.977	1023.29	1432.0	519.2	83.9	0.997	1.017	1.002	-0.032	1.017	0.003	0.006	0.34	0.16
51	18.000	0.976	1022.38	1432.7	518.9	84.0	1.008	1.027	1.001	-0.053	1.027	-0.002	0.006	0.36	-0.14
52	18.500	0.978	1024.73	1431.4	519.3	84.7	1.022	1.038	1.002	-0.073	1.038	-0.008	0.007	0.40	-0.44
53	19.000	0.976	1021.89	1431.4	518.4	83.6	1.030	1.046	1.002	-0.090	1.046	-0.014	0.008	0.46	-0.76
54	19.500	0.979	1025.03	1431.4	519.8	84.0	0.990	1.010	1.001	-0.017	1.009	-0.013	0.010	0.55	-0.76
55	20.000	0.975	1021.91	1432.2	519.5	84.0	0.941	0.970	1.001	0.061	0.970	-0.009	0.010	0.58	-0.53
56	20.500	0.978	1024.43	1432.7	519.8	84.4	0.940	0.967	1.000	0.066	0.967	-0.007	0.010	0.57	-0.43
58	21.000	0.977	1023.33	1432.1	519.2	84.0	0.941	0.969	1.001	0.064	0.969	-0.006	0.010	0.57	-0.35
59	21.500	0.977	1023.16	1432.9	519.2	84.3	0.943	0.971	1.000	0.059	0.971	-0.004	0.009	0.52	-0.24
60	22.000	0.977	1023.22	1431.9	519.0	84.1	0.944	0.971	1.001	0.060	0.971	-0.003	0.009	0.51	-0.19
61	22.500	0.975	1021.47	1432.5	519.3	84.1	0.959	0.986	1.001	0.029	0.986	-0.003	0.008	0.49	-0.15
62	23.000	0.977	1023.47	1432.9	519.5	84.0	0.962	0.987	1.001	0.028	0.987	-0.002	0.009	0.50	-0.13
63	23.500	0.979	1024.99	1431.5	519.9	83.8	0.966	0.988	1.001	0.026	0.988	-0.002	0.009	0.49	-0.12
64	24.000	0.975	1021.68	1431.6	518.1	84.0	0.964	0.991	1.001	0.021	0.991	-0.002	0.008	0.49	-0.10

TEST	PART	REX10-6	ALPHA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1007	2.997	2.00	68	-10.00	-10.00	7-504	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
2	-6.000	0.979	1019.75	1431.5	517.1	84.0	0.965	0.993	1.002	0.018	0.993	0.002	0.003	0.16	0.11
3	-4.000	0.977	1018.73	1432.7	517.0	83.8	0.961	0.990	1.001	0.021	0.990	0.001	0.004	0.25	0.07
4	-2.000	0.970	1016.97	1432.7	516.3	83.5	0.945	0.978	1.001	0.047	0.978	0.000	0.004	0.22	0.00
5	0.000	0.976	1022.39	1433.1	519.0	84.1	0.944	0.972	1.000	0.056	0.972	-0.001	0.002	0.12	-0.08
6	2.000	0.973	1020.75	1432.8	517.7	84.1	0.945	0.975	1.001	0.052	0.975	-0.002	0.000	0.02	-0.14
7	4.000	0.970	1017.19	1431.5	515.8	83.8	0.962	0.992	1.002	0.018	0.992	-0.003	-0.001	-0.05	-0.19
8	6.000	0.973	1020.13	1432.2	517.5	84.0	0.970	0.997	1.002	0.009	0.997	-0.003	-0.001	-0.07	-0.20
9	8.000	0.973	1019.25	1432.9	517.5	83.5	0.972	0.999	1.001	0.004	0.999	-0.002	0.000	0.00	-0.10
10	10.000	0.975	1021.16	1432.8	518.4	83.8	0.961	0.988	1.001	0.026	0.988	-0.002	-0.000	-0.01	-0.12
11	12.000	0.976	1022.62	1431.7	518.7	84.0	0.958	0.984	1.002	0.034	0.984	-0.003	-0.001	-0.07	-0.17
13	14.000	0.978	1024.07	1432.0	519.5	84.0	0.965	0.989	1.002	0.025	0.989	-0.005	-0.002	-0.13	-0.27
15	16.000	0.974	1020.16	1431.5	517.4	83.7	0.973	1.000	1.001	0.003	1.000	-0.005	-0.002	-0.12	-0.26
18	18.000	0.971	1019.07	1432.5	516.4	84.1	0.988	1.014	1.001	-0.028	1.014	-0.001	0.003	0.19	-0.05
20	20.000	0.975	1022.32	1431.9	518.4	84.4	0.968	0.993	1.002	0.016	0.993	-0.001	0.008	0.46	-0.03
23	22.000	0.977	1022.83	1431.9	518.8	84.0	0.962	0.988	1.001	0.026	0.988	-0.002	0.004	0.26	-0.13
25	24.000	0.976	1022.27	1431.4	518.5	83.8	0.966	0.991	1.001	0.019	0.991	-0.002	0.004	0.24	-0.13

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1035	3.001	5.01	66	0.00	-5.00	6-301	2- 8-77	TRANSONIC 4T

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
7	9.000	0.974	1020.60	1434.1	519.8	84.3	0.942	0.990	1.001	0.022	0.987	0.005	0.082	4.73	0.28
8	9.666	0.973	1019.62	1428.5	515.9	84.0	0.933	0.965	1.001	0.071	0.962	0.005	0.078	4.64	0.28
9	10.333	0.973	1018.18	1421.0	513.2	82.5	0.925	0.959	1.001	0.085	0.956	0.004	0.074	4.41	0.26
10	11.000	0.975	1018.13	1428.0	516.8	80.3	0.922	0.953	1.001	0.095	0.951	0.004	0.069	4.15	0.24
11	11.666	0.973	1015.35	1409.2	509.2	79.0	0.916	0.949	1.002	0.104	0.947	0.004	0.063	3.78	0.22
12	12.333	0.978	1019.31	1412.4	512.5	78.8	0.919	0.948	1.000	0.104	0.946	0.004	0.058	3.51	0.23
13	13.000	0.975	1016.48	1417.4	512.9	78.7	0.921	0.953	1.001	0.095	0.952	0.004	0.054	3.26	0.22
15	13.666	0.974	1015.31	1408.5	509.3	78.1	0.924	0.956	1.002	0.090	0.955	0.003	0.051	3.07	0.19
17	14.333	0.979	1018.63	1413.8	513.7	77.7	0.933	0.960	1.001	0.081	0.959	0.004	0.050	2.98	0.23
18	15.000	0.976	1016.49	1409.3	510.6	77.4	0.937	0.966	1.002	0.072	0.964	0.003	0.050	2.97	0.21
19	15.666	0.977	1016.51	1405.7	509.4	77.3	0.943	0.971	1.002	0.060	0.970	0.003	0.051	3.01	0.21
21	16.333	0.976	1015.61	1409.9	510.5	77.2	0.970	0.995	1.001	0.012	0.993	0.004	0.054	3.12	0.20
22	17.000	0.979	1018.65	1408.3	511.6	77.0	0.982	1.003	1.001	-0.003	1.001	0.004	0.058	3.31	0.22
24	17.666	0.978	1017.58	1405.4	510.1	76.7	0.997	1.016	1.001	-0.030	1.014	0.004	0.063	3.54	0.21
26	18.333	0.977	1016.33	1405.1	509.4	76.5	1.003	1.022	1.001	-0.042	1.020	0.004	0.067	3.73	0.23
27	19.000	0.978	1016.45	1407.5	510.5	76.3	0.986	1.007	1.001	-0.014	1.005	0.004	0.065	3.70	0.21

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1039	3.001	5.91	68	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
7	9.000	0.974	1010.60	1397.7	505.1	73.7	0.930	0.962	1.002	0.078	0.959	0.021	0.072	4.28	1.27
8	9.333	0.974	1010.86	1396.7	505.0	73.6	0.931	0.963	1.001	0.076	0.960	0.004	0.069	4.12	0.26
9	9.666	0.975	1012.07	1395.1	505.0	73.7	0.925	0.956	1.001	0.089	0.953	0.004	0.068	4.05	0.25
10	10.000	0.977	1013.23	1397.0	506.3	73.6	0.919	0.950	1.000	0.101	0.947	0.004	0.065	3.91	0.24
11	10.333	0.976	1012.90	1397.5	506.3	73.6	0.912	0.944	1.001	0.114	0.942	0.004	0.061	3.73	0.21
12	10.666	0.977	1012.97	1395.6	505.8	73.4	0.905	0.937	1.000	0.125	0.936	0.004	0.057	3.51	0.24
13	11.000	0.977	1013.81	1395.7	506.2	73.6	0.901	0.934	1.001	0.134	0.932	0.004	0.053	3.23	0.23
14	11.333	0.975	1011.33	1396.1	505.0	73.5	0.898	0.933	1.001	0.137	0.931	0.004	0.048	2.95	0.24
15	11.666	0.976	1011.55	1396.3	505.3	73.4	0.898	0.932	1.001	0.137	0.931	0.004	0.044	2.70	0.23
16	12.000	0.977	1013.01	1396.6	506.1	73.5	0.899	0.932	1.001	0.137	0.931	0.004	0.040	2.47	0.22
17	12.333	0.976	1011.57	1395.8	505.1	73.5	0.901	0.935	1.001	0.131	0.935	0.004	0.038	2.31	0.22
18	12.666	0.975	1011.10	1396.4	505.1	73.4	0.905	0.939	1.001	0.124	0.938	0.004	0.035	2.14	0.22
19	13.000	0.975	1011.49	1395.3	504.8	73.5	0.910	0.943	1.002	0.117	0.942	0.003	0.033	2.02	0.21
20	13.333	0.977	1013.17	1396.7	506.3	73.4	0.915	0.946	1.001	0.109	0.945	0.003	0.032	1.95	0.19
21	13.666	0.974	1010.47	1395.8	504.5	73.4	0.919	0.952	1.002	0.099	0.952	0.003	0.032	1.93	0.19
22	14.000	0.975	1011.46	1394.5	504.6	73.4	0.924	0.956	1.001	0.090	0.955	0.003	0.032	1.89	0.20
23	14.333	0.978	1013.91	1396.6	506.6	73.5	0.930	0.959	1.001	0.083	0.958	0.003	0.032	1.91	0.19
24	14.666	0.976	1012.18	1398.0	506.2	73.4	0.935	0.964	1.001	0.072	0.964	0.003	0.033	1.93	0.20
25	15.000	0.976	1012.09	1394.0	504.7	73.4	0.938	0.967	1.002	0.068	0.967	0.004	0.034	2.01	0.21
26	15.333	0.976	1012.59	1396.2	505.8	73.3	0.942	0.970	1.000	0.060	0.969	0.004	0.035	2.08	0.23
27	15.666	0.977	1013.05	1395.2	505.7	73.3	0.963	0.989	1.001	0.027	0.987	0.004	0.037	2.15	0.23
28	16.000	0.975	1011.83	1392.8	504.3	73.2	0.970	0.995	1.001	0.011	0.995	0.004	0.039	2.26	0.23
29	16.333	0.978	1014.20	1395.1	506.3	73.3	0.981	1.002	1.001	-0.003	1.001	0.004	0.041	2.36	0.24
30	16.666	0.977	1012.83	1395.7	505.8	73.3	0.989	1.011	1.002	-0.020	1.010	0.004	0.044	2.50	0.22
31	17.000	0.975	1011.50	1393.1	504.2	73.2	0.993	1.016	1.002	-0.029	1.015	0.004	0.047	2.63	0.22
32	17.333	0.978	1014.57	1394.3	506.2	73.3	1.002	1.019	1.001	-0.038	1.018	0.004	0.049	2.73	0.23
33	17.666	0.977	1013.11	1396.2	506.2	73.2	1.005	1.024	1.001	-0.046	1.022	0.004	0.051	2.83	0.23
34	18.000	0.975	1010.92	1393.1	504.0	73.0	0.997	1.019	1.001	-0.037	1.018	0.004	0.051	2.86	0.24
35	18.333	0.978	1013.35	1392.4	505.0	73.0	0.997	1.016	1.001	-0.031	1.015	0.004	0.050	2.84	0.25
36	18.666	0.977	1013.48	1396.3	506.4	73.2	0.994	1.014	1.001	-0.028	1.013	0.004	0.050	2.81	0.25
37	19.000	0.973	1008.71	1394.2	503.7	73.2	0.960	0.988	1.002	0.026	0.987	0.004	0.048	2.77	0.26

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1040	3.004	5.01	68	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	9.000	0.977	1012.72	1396.2	506.0	73.2	0.931	0.960	1.000	0.079	0.959	0.003	0.047	2.79	0.17
3	9.333	0.976	1012.19	1393.4	504.7	73.1	0.924	0.954	1.001	0.092	0.953	0.003	0.047	2.80	0.18
4	9.666	0.977	1012.89	1393.4	505.1	73.1	0.917	0.948	1.000	0.105	0.947	0.003	0.045	2.70	0.18
5	10.000	0.977	1013.22	1395.1	505.8	73.2	0.908	0.939	1.001	0.122	0.938	0.003	0.043	2.62	0.21
6	10.333	0.978	1013.68	1394.1	505.7	73.1	0.899	0.931	1.000	0.138	0.930	0.003	0.039	2.41	0.17
7	10.666	0.975	1010.99	1394.7	504.5	73.2	0.891	0.926	1.000	0.147	0.926	0.003	0.035	2.18	0.18
8	11.000	0.975	1011.44	1395.5	505.1	73.1	0.886	0.921	1.000	0.158	0.920	0.003	0.031	1.94	0.17
9	11.333	0.975	1011.17	1394.0	504.5	72.9	0.882	0.918	1.001	0.164	0.918	0.003	0.027	1.67	0.16
10	11.666	0.977	1012.56	1393.7	505.1	73.0	0.884	0.918	1.000	0.164	0.918	0.002	0.023	1.44	0.15
11	12.000	0.978	1013.79	1395.6	506.3	73.2	0.887	0.920	1.000	0.158	0.920	0.003	0.020	1.27	0.17
12	12.333	0.975	1010.73	1393.1	503.9	72.9	0.891	0.926	1.000	0.148	0.926	0.003	0.018	1.12	0.16
13	12.666	0.976	1012.14	1394.2	505.1	72.9	0.898	0.931	1.000	0.138	0.931	0.003	0.016	1.01	0.17
14	13.000	0.977	1012.77	1395.7	506.0	72.8	0.903	0.935	1.000	0.128	0.935	0.003	0.016	0.96	0.17
15	13.333	0.977	1012.84	1394.2	505.4	72.9	0.911	0.942	1.000	0.116	0.942	0.003	0.015	0.91	0.16
16	13.666	0.974	1011.55	1394.4	504.9	72.8	0.918	0.949	1.000	0.101	0.949	0.003	0.015	0.90	0.16
17	14.000	0.977	1012.69	1395.0	505.8	72.7	0.924	0.953	1.000	0.093	0.953	0.003	0.015	0.90	0.17
18	14.333	0.974	1010.43	1392.7	503.5	72.8	0.929	0.961	1.000	0.079	0.961	0.003	0.016	0.94	0.18
19	14.666	0.976	1012.38	1394.1	505.1	73.0	0.935	0.964	1.000	0.072	0.964	0.003	0.017	1.00	0.19
20	15.000	0.975	1010.70	1393.6	504.1	72.9	0.940	0.969	1.001	0.062	0.969	0.003	0.018	1.08	0.18
21	15.333	0.977	1012.67	1395.0	505.7	73.1	0.945	0.972	1.000	0.056	0.972	0.004	0.019	1.15	0.21
22	15.666	0.978	1013.47	1393.7	505.6	72.9	0.949	0.992	1.001	0.016	0.992	0.004	0.021	1.22	0.22
23	16.000	0.975	1012.02	1392.7	504.5	72.8	0.970	1.002	1.000	-0.003	1.001	0.004	0.023	1.34	0.21
24	16.333	0.979	1014.27	1394.6	506.4	72.8	0.988	1.008	1.000	-0.016	1.008	0.004	0.025	1.40	0.21
25	16.666	0.974	1012.10	1393.6	503.8	72.9	0.995	1.018	1.001	-0.035	1.018	0.004	0.027	1.52	0.21
26	17.000	0.974	1009.82	1393.1	503.5	72.9	1.002	1.025	1.001	-0.048	1.024	0.004	0.029	1.61	0.20
27	17.333	0.975	1012.00	1394.1	505.1	72.9	1.009	1.028	1.000	-0.055	1.027	0.004	0.030	1.69	0.21
28	17.666	0.978	1013.48	1394.8	506.2	72.8	1.012	1.029	1.000	-0.058	1.028	0.004	0.031	1.74	0.21
29	18.000	0.977	1012.64	1392.0	504.6	72.7	1.010	1.028	1.001	-0.054	1.027	0.004	0.032	1.76	0.21
30	18.333	0.978	1013.30	1392.1	505.0	72.8	1.009	1.027	1.000	-0.053	1.026	0.004	0.031	1.73	0.22
31	18.666	0.975	1011.47	1394.8	505.0	72.8	0.986	1.009	1.000	-0.019	1.008	0.004	0.030	1.73	0.23
32	19.000	0.974	1011.38	1393.0	504.4	72.7	0.966	0.992	1.001	0.018	0.991	0.004	0.030	1.71	0.23

TEST	PART	RNX10E-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1036	2.994	5.01	6A	2.00	-5.00	4-302	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	10.333	0.971	1010.78	1403.7	506.2	76.1	0.978	0.962	1.001	0.078	0.959	0.008	0.075	4.46	0.50
4	11.000	0.973	1011.87	1405.3	507.4	76.0	0.973	0.956	1.001	0.089	0.954	0.011	0.069	4.15	0.64
5	11.666	0.974	1012.51	1405.0	507.7	75.8	0.919	0.952	1.001	0.098	0.950	0.012	0.064	3.83	0.71
6	12.333	0.976	1013.91	1403.9	507.5	75.7	0.919	0.951	1.002	0.101	0.949	0.012	0.058	3.50	0.74
7	13.000	0.977	1015.35	1403.3	508.7	75.7	0.971	0.952	1.002	0.099	0.950	0.013	0.054	3.24	0.76
8	13.666	0.979	1014.97	1403.1	509.5	75.6	0.976	0.954	1.001	0.094	0.952	0.012	0.051	3.06	0.73
9	14.333	0.977	1015.11	1401.7	508.1	75.5	0.931	0.961	1.001	0.081	0.959	0.012	0.049	2.94	0.73
10	15.000	0.979	1016.51	1403.7	509.6	75.4	0.938	0.965	1.001	0.072	0.964	0.011	0.049	2.90	0.67
11	15.666	0.977	1015.16	1403.6	508.8	75.4	0.943	0.970	1.002	0.063	0.969	0.011	0.050	2.94	0.65
12	16.333	0.974	1014.33	1400.8	507.4	75.3	0.967	0.992	1.002	0.018	0.991	0.010	0.053	3.05	0.61
13	17.000	0.978	1014.66	1401.4	508.9	75.2	0.984	1.005	1.001	-0.007	1.003	0.010	0.057	3.24	0.59
16	17.666	0.978	1016.40	1401.8	509.0	75.2	1.000	1.018	1.001	-0.034	1.016	0.011	0.062	3.49	0.59
17	18.333	0.978	1015.75	1401.2	508.4	75.2	1.008	1.025	1.001	-0.049	1.023	0.011	0.066	3.71	0.63
19	19.000	0.975	1012.67	1402.3	507.3	74.9	0.986	1.009	1.002	-0.016	1.007	0.014	0.065	3.70	0.79

TEST	PART	RPX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1041	2.999	5.01	69	2.00	-3.00	6-307	2- 8-77	TRANSONIC 4T

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	10.000	0.976	1011.31	1392.7	504.2	72.7	0.921	0.953	1.001	0.097	0.949	0.019	0.075	4.53	1.16
3	10.333	0.975	1010.51	1392.3	503.6	72.7	0.915	0.948	1.002	0.106	0.945	0.022	0.073	4.44	1.31
4	10.666	0.976	1011.49	1392.8	504.3	72.7	0.910	0.942	1.002	0.118	0.939	0.023	0.069	4.18	1.39
5	11.000	0.976	1012.19	1393.9	505.0	72.8	0.904	0.936	1.001	0.129	0.934	0.023	0.063	3.89	1.44
6	11.333	0.977	1012.60	1394.1	505.3	72.8	0.901	0.934	1.001	0.135	0.931	0.024	0.058	3.58	1.48
7	11.666	0.974	1010.16	1394.0	504.0	72.8	0.899	0.934	1.001	0.134	0.932	0.024	0.053	3.24	1.50
8	12.000	0.974	1010.74	1394.0	504.1	72.7	0.899	0.934	1.001	0.134	0.932	0.025	0.048	2.97	1.51
9	12.333	0.974	1010.30	1390.9	503.0	72.7	0.900	0.935	1.002	0.133	0.933	0.024	0.044	2.72	1.49
10	12.666	0.977	1012.07	1391.1	504.1	72.5	0.905	0.937	1.001	0.128	0.936	0.024	0.040	2.46	1.45
11	13.000	0.978	1013.43	1393.4	505.6	72.6	0.910	0.940	1.001	0.121	0.939	0.023	0.038	2.31	1.43
12	13.333	0.977	1012.76	1391.8	504.7	72.5	0.914	0.944	1.002	0.115	0.943	0.022	0.036	2.19	1.37
13	13.666	0.979	1014.23	1390.3	504.9	72.7	0.919	0.946	1.002	0.107	0.947	0.022	0.035	2.13	1.31
14	14.000	0.975	1013.06	1389.1	504.0	72.7	0.925	0.954	1.001	0.093	0.953	0.021	0.035	2.08	1.25
15	14.333	0.977	1012.80	1391.0	505.1	72.7	0.929	0.958	1.002	0.086	0.957	0.020	0.035	2.09	1.18
16	14.666	0.976	1011.33	1391.6	503.8	72.7	0.934	0.963	1.001	0.075	0.963	0.019	0.036	2.12	1.14
17	15.000	0.976	1011.51	1393.4	504.6	72.7	0.939	0.968	1.001	0.065	0.967	0.018	0.037	2.19	1.09
18	15.333	0.976	1011.75	1392.9	504.5	72.7	0.942	0.970	1.001	0.061	0.969	0.018	0.039	2.28	1.09
19	15.666	0.978	1013.41	1392.1	505.1	72.7	0.962	0.987	1.001	0.029	0.986	0.018	0.041	2.39	1.03
20	16.000	0.977	1012.44	1392.7	504.8	72.7	0.974	0.998	1.001	0.006	0.997	0.018	0.044	2.55	1.04
21	16.333	0.979	1013.99	1393.5	505.9	72.6	0.984	1.004	1.001	-0.007	1.003	0.018	0.047	2.70	1.03
22	16.666	0.976	1011.75	1392.9	504.6	72.6	0.990	1.012	1.002	-0.021	1.010	0.019	0.050	2.85	1.08
23	17.000	0.973	1009.07	1391.8	507.7	72.5	0.995	1.018	1.001	-0.035	1.017	0.019	0.054	3.03	1.10
24	17.333	0.976	1011.39	1391.7	503.9	72.6	1.001	1.022	1.001	-0.041	1.020	0.020	0.056	3.17	1.13
25	17.666	0.977	1012.88	1393.3	505.3	72.6	1.006	1.024	1.002	-0.045	1.022	0.021	0.059	3.31	1.18
26	18.000	0.977	1012.41	1392.1	504.6	72.7	1.004	1.024	1.001	-0.045	1.022	0.022	0.060	3.38	1.25
27	18.333	0.978	1013.99	1391.3	505.2	72.5	1.007	1.024	1.001	-0.045	1.022	0.024	0.060	3.39	1.32
28	18.666	0.975	1010.90	1394.6	504.9	72.6	0.984	1.008	1.000	-0.015	1.006	0.026	0.058	3.28	1.45
29	19.000	0.975	1010.65	1392.2	503.7	72.7	0.966	0.992	1.002	0.018	0.990	0.025	0.056	3.23	1.46

TEST	PART	PEXIO-A	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1042	3.003	5.01	68	2.00	-2.00	6-30P	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	10.000	0.973	1010.14	1397.7	505.1	73.4	0.914	0.948	1.001	0.105	0.944	0.031	0.081	4.92	1.87
3	10.333	0.974	1010.73	1395.4	504.6	73.4	0.904	0.938	1.001	0.125	0.935	0.033	0.076	4.60	1.99
4	10.666	0.976	1012.80	1396.2	505.7	73.9	0.893	0.928	1.001	0.146	0.924	0.034	0.069	4.25	2.08
5	11.000	0.976	1013.10	1397.9	506.1	74.5	0.884	0.920	1.001	0.161	0.917	0.035	0.060	3.74	2.16
6	11.333	0.976	1013.84	1399.8	507.2	74.6	0.880	0.915	1.001	0.170	0.913	0.035	0.050	3.16	2.20
7	11.666	0.977	1014.73	1402.7	508.6	74.7	0.879	0.913	1.000	0.173	0.912	0.035	0.042	2.64	2.17
8	12.000	0.977	1015.39	1399.1	507.1	75.0	0.881	0.916	1.001	0.169	0.915	0.033	0.035	2.20	2.10
9	12.333	0.978	1016.40	1405.7	510.0	76.1	0.888	0.921	1.000	0.158	0.920	0.032	0.030	1.85	1.98
10	12.666	0.973	1012.25	1406.7	507.9	76.4	0.892	0.929	1.001	0.143	0.928	0.030	0.026	1.61	1.84
11	13.000	0.974	1013.41	1406.3	509.3	76.7	0.900	0.936	1.001	0.130	0.935	0.028	0.024	1.47	1.73
12	13.333	0.975	1015.63	1407.9	509.5	77.7	0.909	0.942	1.001	0.117	0.941	0.026	0.023	1.38	1.61
13	13.666	0.976	1016.09	1413.4	512.0	78.1	0.917	0.948	1.000	0.104	0.948	0.025	0.023	1.36	1.50
14	14.000	0.974	1019.51	1414.8	511.6	78.3	0.923	0.955	1.001	0.091	0.955	0.023	0.023	1.40	1.40
15	14.333	0.974	1015.84	1410.9	510.7	78.4	0.928	0.960	1.002	0.084	0.959	0.023	0.025	1.48	1.35
16	14.666	0.977	1018.46	1411.5	511.7	78.9	0.936	0.964	1.001	0.073	0.964	0.021	0.027	1.60	1.27
17	15.000	0.974	1017.57	1417.0	513.1	79.1	0.941	0.970	1.001	0.062	0.969	0.021	0.030	1.79	1.26
18	15.333	0.976	1017.76	1414.8	512.4	79.2	0.959	0.985	1.002	0.032	0.984	0.021	0.034	1.98	1.23
19	15.666	0.979	1020.52	1413.5	513.2	79.4	0.975	0.996	1.000	0.008	0.995	0.021	0.038	2.19	1.22
20	16.000	0.975	1016.87	1417.2	512.7	79.4	0.987	1.011	1.001	-0.019	1.010	0.022	0.042	2.40	1.26
21	16.333	0.973	1015.27	1418.1	512.1	79.5	0.991	1.016	1.001	-0.030	1.014	0.023	0.046	2.61	1.30
22	16.666	0.975	1017.46	1415.4	512.1	79.8	0.999	1.020	1.001	-0.039	1.019	0.024	0.050	2.82	1.36
23	17.000	0.978	1019.96	1414.9	513.9	79.9	1.005	1.023	1.000	-0.047	1.022	0.025	0.053	2.98	1.43
24	17.333	0.977	1019.57	1421.1	515.3	79.9	1.009	1.029	1.000	-0.055	1.026	0.027	0.056	3.15	1.51
25	17.666	0.977	1019.84	1417.6	514.1	80.0	1.009	1.027	1.001	-0.053	1.025	0.029	0.058	3.25	1.60
27	18.000	0.977	1018.61	1417.9	514.1	80.0	1.013	1.031	1.001	-0.061	1.029	0.031	0.059	3.30	1.71
28	18.333	0.978	1020.61	1419.2	515.0	80.1	1.002	1.020	1.000	-0.040	1.018	0.032	0.058	3.24	1.81
29	18.666	0.976	1018.54	1418.3	513.6	80.0	0.977	1.001	1.001	-0.001	0.999	0.032	0.054	3.11	1.84
30	19.000	0.979	1021.60	1419.2	515.5	80.1	0.966	0.989	1.000	0.022	0.987	0.031	0.051	2.98	1.77

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1043	2.996	5.01	68	2.00	-1.00	6-309	7- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	10.000	0.976	1019.77	1418.4	513.6	80.4	0.906	0.937	0.999	0.125	0.931	0.040	0.103	6.30	2.49
4	10.333	0.976	1018.80	1421.9	514.9	80.5	0.883	0.918	0.999	0.161	0.913	0.046	0.093	5.80	2.86
5	10.666	0.975	1018.14	1419.8	513.8	80.4	0.858	0.896	1.000	0.207	0.891	0.052	0.076	4.84	3.33
6	11.000	0.977	1019.54	1419.1	514.2	80.5	0.836	0.877	1.000	0.243	0.874	0.056	0.053	3.44	3.67
7	11.333	0.978	1020.98	1420.1	515.3	80.6	0.832	0.870	0.999	0.255	0.868	0.054	0.030	1.98	3.56
8	11.666	0.976	1019.01	1422.5	515.1	80.7	0.839	0.878	1.000	0.241	0.877	0.048	0.014	0.93	3.14
9	12.000	0.973	1016.14	1418.5	512.7	80.5	0.851	0.892	1.001	0.216	0.891	0.042	0.005	0.30	2.70
10	12.333	0.975	1018.94	1423.9	514.0	80.7	0.867	0.904	1.000	0.190	0.904	0.036	0.001	0.05	2.27
11	12.666	0.975	1018.59	1422.1	514.7	80.7	0.881	0.917	1.000	0.165	0.917	0.031	-0.001	-0.03	1.94
12	13.000	0.975	1018.90	1417.6	513.1	80.9	0.893	0.927	1.000	0.145	0.927	0.027	-0.001	-0.03	1.67
13	13.333	0.978	1021.16	1420.8	515.6	80.7	0.905	0.936	1.000	0.127	0.936	0.024	0.001	0.04	1.48
14	13.665	0.977	1016.31	1423.2	513.8	80.9	0.913	0.948	1.001	0.105	0.948	0.022	0.003	0.19	1.34
15	14.000	0.973	1015.41	1420.3	512.8	80.9	0.921	0.955	1.001	0.092	0.955	0.020	0.007	0.41	1.23
16	14.333	0.975	1018.37	1419.9	513.7	80.9	0.930	0.961	1.000	0.078	0.961	0.020	0.012	0.73	1.18
17	14.666	0.977	1020.87	1423.4	516.2	81.1	0.939	0.966	1.000	0.067	0.966	0.020	0.018	1.08	1.17
18	15.000	0.976	1019.53	1424.4	515.8	81.1	0.944	0.972	1.000	0.055	0.972	0.020	0.025	1.45	1.18
19	15.333	0.976	1015.65	1418.8	513.9	81.0	0.971	0.995	1.000	0.010	0.995	0.021	0.032	1.82	1.23
20	15.665	0.979	1022.83	1424.3	517.4	81.3	0.987	1.007	0.999	-0.015	1.006	0.023	0.038	2.17	1.33
21	16.000	0.977	1022.53	1424.6	516.4	81.1	0.994	1.015	1.000	-0.029	1.013	0.025	0.044	2.49	1.42
22	16.333	0.977	1020.23	1418.4	514.0	81.1	0.999	1.019	1.000	-0.037	1.017	0.027	0.050	2.80	1.51
24	16.666	0.975	1018.55	1423.7	515.1	81.1	1.009	1.029	0.999	-0.061	1.028	0.029	0.054	3.03	1.66
25	17.000	0.973	1017.63	1426.7	515.4	81.3	1.012	1.033	1.000	-0.065	1.031	0.032	0.058	3.21	1.76
26	17.333	0.973	1017.72	1419.1	512.6	81.2	1.011	1.033	1.001	-0.063	1.030	0.034	0.061	3.37	1.87
27	17.666	0.978	1021.05	1420.1	515.1	81.1	1.019	1.035	0.999	-0.072	1.033	0.036	0.062	3.42	1.97
28	18.000	0.972	1016.15	1427.3	515.0	81.3	1.009	1.032	1.000	-0.065	1.029	0.038	0.063	3.48	2.10
29	18.333	0.971	1015.04	1421.1	512.1	81.3	0.974	1.003	1.001	-0.004	1.000	0.037	0.061	3.51	2.12
30	18.666	0.976	1019.61	1419.3	514.0	81.4	0.965	0.991	0.999	0.017	0.989	0.034	0.058	3.35	2.00
32	19.000	0.978	1021.91	1427.9	518.2	81.4	0.967	0.990	1.000	0.021	0.988	0.033	0.056	3.15	1.91

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1037	3.002	5.01	68	4.00	-5.00	6-303	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	11.000	0.976	1014.09	1401.4	507.7	74.9	0.927	0.957	1.001	0.087	0.954	0.010	0.073	4.37	0.59
5	11.666	0.976	1013.91	1399.8	507.1	74.7	0.924	0.954	1.001	0.094	0.951	0.017	0.069	4.14	1.04
6	12.333	0.978	1015.47	1399.0	507.6	74.8	0.923	0.952	1.001	0.097	0.950	0.019	0.064	3.86	1.14
8	13.000	0.978	1015.57	1400.0	508.1	74.7	0.925	0.953	1.001	0.095	0.951	0.020	0.060	3.59	1.22
9	13.666	0.977	1014.71	1399.8	507.6	74.7	0.928	0.957	1.002	0.089	0.955	0.021	0.057	3.40	1.25
10	14.333	0.976	1013.90	1398.5	506.7	74.6	0.932	0.961	1.001	0.080	0.959	0.020	0.055	3.25	1.22
11	15.000	0.978	1015.29	1398.8	507.6	74.4	0.937	0.964	1.001	0.072	0.963	0.020	0.053	3.15	1.18
12	15.666	0.976	1013.40	1399.4	506.9	74.4	0.942	0.970	1.002	0.062	0.969	0.019	0.053	3.16	1.11
14	16.333	0.974	1011.53	1398.9	505.8	74.3	0.965	0.992	1.001	0.018	0.990	0.018	0.056	3.23	1.02
15	17.000	0.978	1014.96	1397.3	507.0	74.2	0.981	1.002	1.002	-0.003	1.001	0.016	0.059	3.39	0.94
16	17.666	0.976	1013.57	1397.5	506.3	74.3	1.002	1.022	1.001	-0.041	1.019	0.016	0.065	3.64	0.91
18	18.333	0.974	1011.10	1398.3	505.3	74.3	1.008	1.029	1.001	-0.058	1.027	0.019	0.072	3.99	1.04
19	19.000	0.979	1015.39	1397.9	507.5	74.2	0.996	1.015	1.001	-0.028	1.012	0.023	0.072	4.07	1.29

TEST	PART	RNX10-6	ALFA	WING	Y	Z	PWT SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1044	2.997	5.01	68	4.00	-3.00	6-310	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
9	11.000	0.971	1015.65	1424.8	513.6	81.8	0.916	0.952	1.001	0.097	0.949	0.026	0.075	4.52	1.57
12	11.333	0.972	1014.43	1428.2	515.7	81.7	0.913	0.948	1.001	0.104	0.945	0.028	0.072	4.34	1.73
14	11.666	0.977	1020.56	1415.8	513.0	81.7	0.909	0.941	1.000	0.119	0.938	0.031	0.067	4.09	1.87
16	12.000	0.977	1021.43	1428.5	518.0	81.7	0.909	0.941	1.001	0.119	0.938	0.033	0.063	3.87	2.04
17	12.333	0.974	1018.39	1420.0	513.3	81.7	0.906	0.941	1.002	0.122	0.938	0.035	0.059	3.62	2.12
18	12.666	0.977	1020.90	1418.8	514.2	81.8	0.908	0.940	1.000	0.120	0.938	0.036	0.055	3.38	2.21
19	13.000	0.977	1020.69	1431.5	518.7	81.7	0.912	0.944	1.001	0.114	0.941	0.037	0.052	3.15	2.26
20	13.333	0.974	1018.56	1414.7	512.2	81.8	0.911	0.945	1.002	0.113	0.943	0.037	0.048	2.91	2.24
21	13.665	0.975	1019.50	1433.5	518.7	81.9	0.918	0.950	1.001	0.102	0.948	0.037	0.045	2.71	2.23
22	14.000	0.972	1016.75	1412.3	509.7	81.6	0.917	0.952	1.001	0.098	0.950	0.036	0.042	2.55	2.16
23	14.333	0.976	1021.87	1433.6	520.0	81.9	0.928	0.957	1.001	0.088	0.955	0.035	0.040	2.43	2.08
24	14.666	0.975	1019.36	1413.6	511.5	81.7	0.928	0.959	1.002	0.084	0.958	0.033	0.040	2.37	1.97
25	15.000	0.973	1017.37	1436.1	518.5	81.9	0.935	0.967	1.001	0.067	0.966	0.031	0.040	2.36	1.86
27	15.333	0.976	1020.60	1439.0	521.2	82.0	0.941	0.969	1.001	0.063	0.968	0.029	0.040	2.39	1.74
29	15.666	0.978	1022.56	1440.1	522.7	82.0	0.962	0.986	1.000	0.029	0.985	0.028	0.042	2.45	1.61
30	16.000	0.974	1018.66	1409.3	509.6	81.8	0.962	0.989	1.002	0.024	0.988	0.025	0.045	2.59	1.45
31	16.333	0.976	1020.69	1439.0	521.3	81.9	0.984	1.007	1.001	-0.012	1.005	0.025	0.048	2.76	1.41
32	16.666	0.974	1018.61	1413.7	511.1	81.8	0.987	1.011	1.000	-0.022	1.010	0.023	0.053	2.98	1.32
34	17.000	0.978	1022.24	1436.8	521.3	82.0	1.007	1.025	1.001	-0.040	1.023	0.024	0.057	3.18	1.35
39	17.333	0.971	1015.49	1409.3	507.9	81.7	1.002	1.027	1.002	-0.051	1.025	0.025	0.062	3.47	1.39
42	17.666	0.975	1019.50	1436.6	519.8	82.0	1.027	1.044	1.002	-0.086	1.042	0.026	0.067	3.68	1.44
43	18.000	0.976	1020.89	1413.9	512.2	82.0	1.022	1.039	1.000	-0.078	1.036	0.030	0.069	3.80	1.63
45	18.333	0.978	1022.43	1437.3	521.5	82.1	1.034	1.047	1.000	-0.094	1.044	0.033	0.071	3.89	1.82
46	18.666	0.977	1021.81	1417.4	513.9	82.3	0.985	1.007	1.000	-0.014	1.004	0.038	0.065	3.72	2.15
47	19.000	0.973	1018.70	1434.2	518.2	82.1	0.970	0.997	1.002	0.008	0.995	0.039	0.062	3.50	2.26

TEST	PART	RE X10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1045	3.016	5.01	68	4.00	-2.00	6-311	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	11.000	0.976	1022.14	1433.8	518.9	82.3	0.909	0.947	1.002	0.118	0.930	0.031	0.080	4.86	1.91
3	11.333	0.975	1020.25	1439.3	520.9	82.5	0.904	0.937	1.002	0.129	0.934	0.036	0.075	4.62	2.20
4	11.666	0.974	1018.04	1412.7	510.8	82.0	0.896	0.931	1.000	0.137	0.927	0.040	0.070	4.31	2.48
6	12.000	0.972	1014.64	1415.4	510.6	82.0	0.893	0.931	1.001	0.141	0.927	0.045	0.064	3.94	2.75
7	12.333	0.977	1021.59	1435.6	520.3	82.3	0.895	0.929	1.000	0.142	0.926	0.048	0.058	3.58	2.98
8	12.666	0.974	1018.71	1415.4	511.5	82.3	0.892	0.928	1.002	0.146	0.925	0.050	0.050	3.10	3.06
9	13.000	0.976	1021.38	1433.2	519.3	82.5	0.898	0.931	1.001	0.139	0.929	0.051	0.044	2.71	3.13
10	13.333	0.972	1017.40	1419.7	512.4	82.7	0.898	0.935	1.001	0.131	0.933	0.050	0.038	2.32	3.04
11	13.666	0.976	1022.83	1429.1	517.5	82.5	0.907	0.940	1.001	0.121	0.938	0.048	0.033	2.01	2.90
12	14.000	0.975	1020.34	1430.0	517.7	82.3	0.913	0.945	1.002	0.112	0.944	0.044	0.029	1.79	2.69
13	14.333	0.978	1020.34	1416.0	512.6	82.3	0.918	0.950	1.002	0.103	0.949	0.041	0.027	1.65	2.47
14	14.666	0.974	1019.40	1435.0	518.9	82.4	0.928	0.960	1.001	0.081	0.959	0.038	0.027	1.63	2.26
15	15.000	0.974	1019.71	1432.8	517.8	82.3	0.933	0.964	1.001	0.073	0.963	0.034	0.028	1.66	2.01
16	15.333	0.975	1019.51	1417.4	512.7	82.3	0.939	0.969	1.001	0.064	0.968	0.030	0.031	1.81	1.78
17	15.666	0.974	1020.48	1432.1	519.5	82.6	0.960	0.992	1.000	0.017	0.991	0.028	0.035	2.02	1.59
18	16.000	0.974	1019.18	1418.8	513.0	82.4	0.974	1.000	1.001	0.003	0.998	0.025	0.039	2.25	1.41
19	16.333	0.977	1021.97	1438.5	521.5	82.6	0.990	1.018	1.000	-0.035	1.016	0.024	0.045	2.55	1.35
20	16.666	0.975	1020.15	1414.4	511.8	82.5	0.999	1.021	1.000	-0.042	1.019	0.023	0.051	2.86	1.32
21	17.000	0.977	1021.67	1435.4	520.3	82.6	1.015	1.032	1.001	-0.064	1.030	0.025	0.056	3.14	1.40
22	17.333	0.973	1018.61	1416.5	511.8	82.5	1.010	1.031	1.002	-0.059	1.029	0.027	0.062	3.42	1.53
23	17.666	0.977	1021.91	1437.3	521.0	82.7	1.034	1.048	1.000	-0.096	1.046	0.031	0.066	3.62	1.69
25	18.000	0.972	1017.38	1434.0	517.4	82.5	1.027	1.047	1.003	-0.091	1.045	0.037	0.068	3.74	2.01
27	18.333	0.972	1017.25	1431.6	516.5	82.6	0.997	1.022	1.002	-0.041	1.019	0.042	0.065	3.63	2.30
28	18.666	0.974	1019.65	1420.2	513.6	82.5	0.965	0.992	1.001	0.017	0.989	0.043	0.059	3.40	2.52
29	19.000	0.978	1023.00	1432.2	519.7	82.6	0.964	0.988	1.001	0.025	0.985	0.043	0.053	3.11	2.52

TEST	PART	RE×10^-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1044	3.009	5.01	6A	4.00	-1.00	6-312	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BBL
4	11.000	0.977	1017.85	1432.9	517.2	82.9	0.900	0.936	1.000	0.127	0.931	0.038	0.089	5.48	2.36
5	11.333	0.974	1018.90	1421.9	513.9	82.5	0.890	0.926	1.001	0.150	0.921	0.046	0.086	5.34	2.89
6	11.666	0.978	1022.96	1427.2	518.0	82.5	0.886	0.919	1.000	0.161	0.914	0.056	0.081	5.08	3.54
7	12.000	0.976	1021.28	1432.1	518.1	82.4	0.876	0.912	1.002	0.179	0.906	0.066	0.073	4.63	4.19
8	12.333	0.974	1020.13	1422.9	515.0	82.4	0.867	0.905	1.001	0.192	0.899	0.076	0.061	3.91	4.84
9	12.666	0.978	1022.47	1428.3	518.1	82.5	0.864	0.900	1.000	0.200	0.895	0.081	0.045	2.86	5.16
10	13.000	0.977	1022.18	1428.5	518.0	82.5	0.865	0.901	1.001	0.200	0.897	0.080	0.027	1.71	5.07
11	13.333	0.978	1022.88	1425.8	517.4	82.6	0.874	0.908	1.001	0.185	0.905	0.072	0.012	0.79	4.57
12	13.666	0.978	1022.62	1426.4	517.4	82.6	0.888	0.921	1.001	0.160	0.919	0.064	0.004	0.25	3.96
13	14.000	0.978	1022.88	1427.0	518.2	82.5	0.900	0.932	1.001	0.138	0.930	0.055	0.000	0.03	3.40
14	14.333	0.975	1020.16	1426.8	516.2	82.7	0.913	0.946	1.007	0.112	0.944	0.047	0.000	0.02	2.84
15	14.666	0.977	1022.09	1426.7	517.2	82.7	0.924	0.954	1.001	0.094	0.953	0.039	0.003	0.16	2.35
16	15.000	0.979	1023.06	1428.4	518.7	82.7	0.934	0.961	1.001	0.079	0.961	0.033	0.008	0.49	1.97
17	15.333	0.975	1019.85	1427.3	516.3	82.6	0.942	0.972	1.001	0.058	0.971	0.027	0.015	0.90	1.59
18	15.666	0.977	1021.55	1425.7	516.6	82.6	0.975	0.999	1.001	0.004	0.998	0.023	0.024	1.37	1.33
19	16.000	0.978	1023.34	1427.0	518.0	82.7	0.985	1.014	1.001	-0.027	1.014	0.021	0.032	1.81	1.17
20	16.333	0.974	1019.51	1428.5	516.5	82.7	1.008	1.029	1.001	-0.055	1.026	0.021	0.041	2.29	1.15
21	16.666	0.975	1020.56	1426.4	516.3	82.7	1.015	1.033	1.001	-0.046	1.032	0.022	0.049	2.70	1.22
22	17.000	0.978	1022.81	1427.3	517.8	82.7	1.017	1.033	1.001	-0.066	1.031	0.025	0.055	3.04	1.39
23	17.333	0.977	1021.60	1426.7	517.0	82.7	1.021	1.038	1.001	-0.074	1.036	0.029	0.059	3.27	1.63
24	17.666	0.976	1021.49	1425.6	516.5	82.7	1.027	1.043	1.001	-0.085	1.041	0.035	0.061	3.38	1.92
25	18.000	0.979	1024.10	1426.4	518.2	82.7	1.034	1.046	1.001	-0.091	1.043	0.040	0.063	3.45	2.20
26	18.333	0.974	1019.74	1427.1	515.8	82.7	0.984	1.017	1.001	-0.033	1.015	0.046	0.059	3.33	2.61
27	18.666	0.975	1019.95	1425.1	515.6	82.6	0.942	0.971	1.002	0.061	0.969	0.045	0.051	3.01	2.69
28	19.000	0.975	1020.76	1427.6	516.8	82.7	0.933	0.963	1.001	0.074	0.961	0.044	0.046	2.72	2.64

TEST	PART	REX10-6	ALFA	WING	Y	Z	RHW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	103P	3.004	5.01	68	7.00	-5.00	6-304	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
6	13.000	0.979	1015.55	1397.6	507.6	73.9	0.933	0.960	1.001	0.082	0.957	0.022	0.070	4.20	1.32
7	13.666	0.978	1015.39	1357.7	507.5	74.0	0.933	0.961	1.001	0.080	0.958	0.024	0.069	4.09	1.45
8	14.333	0.978	1014.77	1368.2	507.4	74.0	0.935	0.963	1.001	0.076	0.960	0.076	0.067	3.97	1.52
9	15.000	0.977	1014.02	1366.3	506.3	74.0	0.938	0.966	1.002	0.070	0.964	0.076	0.065	3.85	1.57
10	15.666	0.977	1013.75	1357.8	506.7	74.0	0.943	0.970	1.001	0.061	0.968	0.026	0.063	3.74	1.57
11	16.333	0.977	1014.19	1397.5	506.8	74.0	0.961	0.986	1.002	0.030	0.984	0.076	0.063	3.69	1.52
13	17.000	0.973	1010.35	1398.0	505.0	74.0	0.980	1.006	1.001	-0.010	1.003	0.024	0.066	3.77	1.39
14	17.666	0.976	1012.66	1396.9	505.9	73.8	1.000	1.021	1.001	-0.039	1.018	0.023	0.071	4.00	1.30
16	18.333	0.977	1013.47	1396.2	506.0	74.0	1.027	1.043	1.001	-0.084	1.039	0.023	0.080	4.41	1.25
17	19.000	0.974	1011.26	1397.8	505.5	73.7	1.020	1.039	1.001	-0.077	1.035	0.027	0.090	4.97	1.52

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE
TC-484	1047	3.003	5.01	68	7.00	-3.00	6-313	2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
8	13.000	0.977	1022.06	1428.1	517.7	82.7	0.927	0.956	1.001	0.090	0.953	0.032	0.074	4.45	1.92
9	13.333	0.977	1022.08	1425.4	516.7	82.7	0.927	0.956	1.001	0.089	0.953	0.034	0.074	4.42	2.05
10	13.666	0.976	1021.45	1426.8	516.9	82.8	0.928	0.958	1.001	0.085	0.955	0.036	0.072	4.32	2.15
11	14.000	0.976	1021.48	1427.7	517.2	82.7	0.928	0.959	1.002	0.087	0.955	0.038	0.070	4.21	2.26
12	14.333	0.975	1019.87	1425.9	515.8	82.7	0.929	0.960	1.001	0.082	0.957	0.039	0.068	4.08	2.35
13	14.666	0.976	1021.64	1425.7	516.4	82.8	0.931	0.961	1.001	0.080	0.957	0.040	0.066	3.94	2.41
14	15.000	0.978	1022.95	1428.3	518.3	82.7	0.934	0.962	1.002	0.079	0.959	0.041	0.063	3.78	2.46
15	15.333	0.975	1020.34	1425.3	515.8	82.6	0.934	0.964	1.001	0.073	0.962	0.041	0.061	3.65	2.43
16	15.666	0.978	1022.78	1426.9	517.7	82.7	0.936	0.965	1.001	0.071	0.963	0.041	0.059	3.52	2.43
17	16.000	0.977	1021.67	1428.3	517.6	82.7	0.941	0.969	1.001	0.064	0.967	0.040	0.058	3.43	2.36
18	16.333	0.978	1022.49	1426.7	517.6	82.6	0.962	0.986	1.002	0.030	0.984	0.038	0.059	3.41	2.23
19	16.666	0.977	1022.48	1426.5	517.3	82.7	0.982	1.004	1.001	-0.007	1.002	0.036	0.061	3.46	2.08
20	17.000	0.976	1021.49	1427.6	517.2	82.7	1.007	1.026	1.001	-0.051	1.024	0.035	0.066	3.69	1.97
21	17.333	0.976	1021.67	1428.3	517.5	82.8	1.033	1.048	1.007	-0.094	1.045	0.034	0.072	3.96	1.89
22	17.666	0.977	1021.83	1429.5	518.1	82.7	1.054	1.065	1.001	-0.129	1.052	0.035	0.081	4.38	1.86
23	18.000	0.979	1022.79	1424.9	516.9	82.8	1.080	1.085	1.002	-0.169	1.081	0.035	0.091	4.79	1.85
24	18.333	0.977	1022.78	1429.7	518.0	82.8	1.105	1.106	1.000	-0.212	1.101	0.036	0.101	5.25	1.86
25	18.666	0.973	1018.67	1427.7	515.7	82.8	1.053	1.058	1.001	-0.135	1.062	0.047	0.102	5.48	2.56
26	19.000	0.976	1020.48	1426.3	516.4	82.8	0.983	1.006	1.000	-0.013	1.001	0.055	0.093	5.30	3.13

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1048	2.998	5.01	64	7.00	-2.00	6-314	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	13.000	0.973	1018.83	1426.9	515.5	82.8	0.922	0.956	1.001	0.091	0.951	0.036	0.081	4.84	2.17
3	13.333	0.977	1021.89	1426.7	517.1	82.7	0.925	0.955	1.001	0.092	0.950	0.040	0.079	4.77	2.39
4	13.666	0.978	1022.89	1426.9	517.5	82.8	0.925	0.954	1.001	0.093	0.950	0.043	0.077	4.66	2.60
5	14.000	0.975	1020.56	1427.7	516.8	82.7	0.925	0.956	1.001	0.090	0.952	0.047	0.075	4.53	2.82
6	14.333	0.976	1021.29	1426.3	516.6	82.7	0.925	0.955	1.002	0.092	0.951	0.050	0.072	4.33	3.01
7	14.666	0.978	1023.27	1426.7	517.8	82.8	0.926	0.955	1.001	0.093	0.951	0.053	0.069	4.10	3.17
8	15.000	0.976	1021.42	1428.2	517.4	82.7	0.928	0.958	1.001	0.086	0.954	0.055	0.064	3.83	3.28
9	15.333	0.976	1021.17	1426.3	516.5	82.8	0.928	0.959	1.002	0.086	0.955	0.055	0.059	3.56	3.29
10	15.666	0.978	1023.41	1427.7	519.2	82.9	0.932	0.960	1.001	0.082	0.957	0.054	0.054	3.24	3.21
11	16.000	0.977	1021.79	1428.7	517.8	82.7	0.937	0.965	1.001	0.071	0.963	0.051	0.051	3.01	3.06
12	16.333	0.974	1018.96	1427.5	515.8	82.7	0.945	0.975	1.002	0.053	0.972	0.047	0.051	3.01	2.79
13	16.666	0.975	1020.58	1425.2	515.9	82.7	1.000	1.021	1.002	-0.039	1.018	0.045	0.057	3.19	2.55
14	17.000	0.975	1020.42	1427.1	516.4	82.9	1.048	1.062	1.001	-0.122	1.059	0.044	0.068	3.68	2.41
15	17.333	0.976	1021.41	1428.9	517.7	82.7	1.083	1.089	1.002	-0.176	1.086	0.045	0.081	4.26	2.36
16	17.666	0.978	1023.08	1424.7	517.0	82.7	1.117	1.115	1.001	-0.228	1.110	0.046	0.095	4.88	2.37
17	18.000	0.977	1022.14	1427.9	517.6	82.9	1.144	1.137	1.000	-0.274	1.131	0.049	0.110	5.55	2.46
18	18.333	0.979	1023.55	1430.5	519.3	82.8	1.151	1.141	0.998	-0.284	1.134	0.054	0.118	5.94	2.73
19	18.666	0.973	1018.67	1424.6	514.6	82.7	0.986	1.011	0.999	-0.024	1.004	0.073	0.095	5.40	4.15
20	19.000	0.978	1022.69	1425.9	518.2	82.9	0.942	0.969	0.998	0.059	0.962	0.076	0.088	5.22	4.53

TEST	PART	REX10-6	ALFA	WING	Y	Z	PLW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1049	2.994	5.01	68	7.00	-1.00	6-315	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	13.000	0.976	1019.86	1425.2	519.5	82.8	0.974	0.956	1.001	0.090	0.951	0.041	0.092	5.52	2.46
4	13.333	0.979	1023.92	1428.8	518.9	82.7	0.976	0.954	1.001	0.093	0.948	0.046	0.092	5.52	2.75
5	13.666	0.978	1023.39	1429.1	518.7	82.8	0.924	0.953	1.001	0.097	0.947	0.052	0.091	5.51	3.12
6	14.000	0.976	1021.14	1427.7	517.0	82.8	0.921	0.952	1.001	0.096	0.946	0.058	0.091	5.47	3.52
7	14.333	0.978	1023.01	1428.6	518.2	83.0	0.919	0.949	1.001	0.103	0.943	0.066	0.088	5.31	4.03
8	14.666	0.975	1020.14	1428.6	516.7	83.0	0.915	0.948	1.002	0.106	0.941	0.075	0.082	4.99	4.56
9	15.000	0.977	1021.87	1427.5	517.3	82.9	0.911	0.943	1.001	0.116	0.937	0.083	0.072	4.39	5.04
10	15.333	0.978	1022.55	1428.5	518.5	83.0	0.910	0.940	1.002	0.122	0.934	0.086	0.056	3.44	5.25
11	15.666	0.975	1020.51	1427.8	516.7	82.8	0.909	0.942	1.002	0.118	0.938	0.082	0.039	2.41	5.00
12	16.000	0.977	1022.55	1428.1	517.9	82.8	0.918	0.948	1.001	0.105	0.945	0.072	0.029	1.76	4.38
13	16.333	0.979	1024.25	1426.7	518.2	83.0	0.942	0.960	1.001	0.066	0.965	0.064	0.029	1.75	3.80
14	16.666	0.978	1020.71	1431.1	518.0	82.9	1.042	1.056	1.001	-0.111	1.053	0.063	0.043	2.35	3.44
15	17.000	0.973	1018.37	1425.7	514.9	82.7	1.174	1.125	1.002	-0.247	1.121	0.065	0.074	3.75	3.33
16	17.333	0.977	1022.23	1428.8	518.0	82.9	1.170	1.158	0.999	-0.315	1.152	0.070	0.098	4.85	3.48
17	17.666	0.976	1021.67	1430.7	518.2	83.1	1.191	1.175	0.997	-0.351	1.167	0.077	0.118	5.75	3.77
18	18.000	0.976	1021.21	1428.2	517.1	83.0	1.182	1.168	0.996	-0.340	1.159	0.087	0.120	5.91	4.28
19	18.333	0.974	1019.27	1427.0	515.7	82.9	1.073	1.042	0.996	-0.090	1.033	0.103	0.090	4.98	5.72
20	18.666	0.976	1020.89	1428.5	517.2	82.7	0.963	0.989	0.997	0.017	0.979	0.112	0.082	4.79	6.56
21	19.000	0.978	1023.51	1426.6	517.8	83.0	0.963	0.987	0.999	0.025	0.976	0.118	0.079	4.64	6.87

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1050	2.996	5.01	48	-4.00	-5.00	6-316	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	11.000	0.974	1019.95	1426.8	516.0	83.0	0.926	0.958	1.003	0.089	0.954	0.029	0.075	4.50	1.77
5	12.333	0.977	1021.91	1427.3	517.2	82.9	0.923	0.953	1.001	0.096	0.951	-0.015	0.068	4.07	-0.89
8	13.666	0.975	1020.61	1430.0	517.5	83.0	0.927	0.958	1.001	0.085	0.956	-0.018	0.060	3.57	-1.06
9	15.000	0.977	1022.51	1429.4	518.0	82.9	0.937	0.965	1.001	0.071	0.963	-0.017	0.056	3.33	-1.00
11	16.333	0.979	1023.78	1429.3	518.9	83.0	0.969	0.992	1.001	0.017	0.990	-0.014	0.058	3.33	-0.81
13	17.666	0.976	1021.32	1429.5	517.7	83.0	1.004	1.024	1.002	-0.046	1.022	-0.012	0.069	3.01	-0.69
15	19.000	0.977	1022.17	1426.7	517.1	83.1	0.996	1.017	1.001	-0.032	1.014	-0.070	0.075	4.22	-1.11

TEST	PART	RE X 10-6	ALFA	WING	Y	Z	WW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1051	3.005	5.01	68	-4.00	-3.00	6-317	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	11.000	0.976	1021.44	1431.0	519.2	83.1	0.913	0.945	1.001	0.111	0.942	-0.019	0.075	4.56	-1.17
2	12.333	0.977	1022.71	1427.5	517.7	83.0	0.907	0.939	1.002	0.125	0.936	-0.028	0.062	3.78	-1.70
3	13.666	0.977	1021.93	1427.7	517.3	83.0	0.917	0.948	1.001	0.105	0.946	-0.030	0.046	2.81	-1.82
4	15.000	0.976	1021.18	1430.7	518.0	83.0	0.934	0.964	1.001	0.073	0.963	-0.024	0.041	2.46	-1.44
6	16.333	0.976	1021.33	1427.7	517.0	83.0	0.981	1.005	1.001	-0.007	1.003	-0.017	0.050	2.85	-0.95
8	17.665	0.978	1022.81	1430.6	518.9	83.0	1.029	1.044	1.000	-0.087	1.041	-0.017	0.069	3.81	-0.94
10	19.000	0.975	1020.19	1428.7	516.8	83.0	0.973	0.999	1.001	0.004	0.996	-0.031	0.064	3.70	-1.79

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1052	3.000	5.01	68	-4.00	-1.00	6-318	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.973	1019.97	1428.8	516.2	82.9	0.908	0.934	1.001	0.133	0.929	-0.034	0.091	5.59	-2.08
4	12.333	0.978	1023.33	1427.0	517.8	83.0	0.865	0.900	1.000	0.199	0.895	-0.074	0.062	3.96	-4.73
6	13.466	0.979	1023.80	1430.5	519.4	82.9	0.889	0.921	1.000	0.158	0.919	-0.057	0.004	0.27	-3.58
7	15.000	0.978	1022.91	1426.6	517.4	83.1	0.933	0.961	1.002	0.081	0.960	-0.028	0.009	0.55	-1.68
9	16.333	0.978	1022.97	1430.9	519.1	82.9	1.014	1.031	1.001	-0.061	1.030	-0.016	0.042	2.34	-0.87
11	17.466	0.978	1022.96	1426.0	517.3	83.0	1.027	1.041	1.001	-0.082	1.039	-0.030	0.062	3.42	-1.64
12	19.000	0.975	1020.77	1430.3	517.7	83.0	0.937	0.967	1.001	0.068	0.965	-0.040	0.047	2.78	-2.38

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1053	3.007	5.01	48	-7.00	-5.00	6-319	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	13.666	0.980	1024.67	1429.1	519.4	82.8	0.926	0.953	1.000	0.094	0.950	-0.011	0.075	4.53	-0.68
6	15.000	0.976	1021.08	1427.6	516.9	83.0	0.938	0.968	1.002	0.067	0.964	-0.023	0.074	4.39	-1.35
8	16.333	0.976	1021.71	1427.3	517.1	83.0	0.964	0.988	1.002	0.074	0.986	-0.022	0.072	4.18	-1.28
10	17.666	0.977	1022.50	1428.2	517.9	82.8	1.007	1.025	1.002	-0.048	1.022	-0.018	0.081	4.56	-1.04
12	19.000	0.973	1018.55	1427.7	515.4	83.2	1.013	1.034	1.000	-0.068	1.029	-0.024	0.099	5.51	-1.33

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1054	2.996	5.01	68	-7.60	-3.00	6-320	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	13.466	0.974	1019.38	1427.7	515.8	83.0	0.975	0.957	1.001	0.087	0.953	-0.033	0.081	4.86	-1.96
6	15.000	0.977	1022.11	1429.4	517.7	83.0	0.934	0.962	1.001	0.076	0.959	-0.038	0.072	4.29	-2.27
7	16.333	0.977	1022.12	1429.7	518.2	83.0	0.966	0.999	1.001	0.021	0.988	-0.035	0.067	3.87	-2.02
8	17.465	0.975	1020.06	1425.9	515.8	82.8	1.061	1.072	1.001	-0.143	1.068	-0.029	0.092	4.91	-1.54
9	19.000	0.973	1018.36	1430.6	516.5	83.0	0.967	0.995	0.999	0.008	0.989	-0.050	0.102	5.88	-2.92

TEST	PART	RE X10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1055	2.007	5.01	68	-7.00	-1.00	6-321	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	13.466	0.975	1021.00	1426.9	516.6	83.0	0.920	0.952	1.000	0.097	0.945	-0.048	0.101	6.11	-2.93
6	15.000	0.973	1018.91	1429.6	516.5	82.9	0.906	0.941	1.000	0.118	0.934	-0.083	0.077	4.71	-5.08
7	16.333	0.979	1023.70	1426.4	517.9	82.9	0.969	0.991	1.002	0.020	0.989	-0.061	0.040	2.32	-3.52
8	17.466	0.974	1019.82	1430.2	517.1	83.1	1.186	1.173	0.997	-0.348	1.164	-0.070	0.124	6.08	-3.42
10	18.000	0.972	1018.16	1427.7	515.3	83.0	0.934	0.967	0.996	0.060	0.956	-0.111	0.089	5.30	-6.65

TEST	PART	REX10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1057	3.006	5.01	60	0.00	-14.14	7-501	2- 8-77	

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTI/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
6	-6.000	0.978	1018.24	1415.5	513.6	78.7	0.971	0.994	1.001	0.014	0.994	0.002	0.007	0.38	0.14
7	-5.500	0.974	1015.73	1412.0	510.5	78.7	0.966	0.993	1.001	0.016	0.993	0.002	0.006	0.37	0.12
8	-5.000	0.974	1015.48	1413.9	511.1	78.7	0.966	0.994	1.001	0.014	0.994	0.002	0.007	0.38	0.12
9	-4.500	0.972	1013.82	1413.4	510.1	78.6	0.964	0.993	1.002	0.016	0.993	0.002	0.006	0.35	0.11
10	-4.000	0.972	1013.40	1412.1	509.4	78.6	0.961	0.991	1.001	0.021	0.990	0.002	0.006	0.35	0.12
11	-3.500	0.972	1014.09	1412.8	510.0	78.5	0.952	0.991	1.001	0.020	0.991	0.002	0.006	0.35	0.11
12	-3.000	0.972	1013.53	1413.6	510.0	78.6	0.960	0.989	1.001	0.023	0.989	0.002	0.006	0.34	0.11
13	-2.500	0.970	1012.15	1412.5	508.9	78.5	0.945	0.978	1.002	0.047	0.978	0.002	0.005	0.31	0.13
14	-2.000	0.973	1014.64	1412.5	510.2	78.5	0.960	0.989	1.001	0.025	0.989	0.002	0.005	0.28	0.11
15	-1.500	0.973	1014.26	1412.9	510.2	78.5	0.960	0.989	1.001	0.023	0.989	0.002	0.005	0.28	0.11
16	-1.000	0.974	1015.45	1414.7	511.5	78.5	0.962	0.989	1.001	0.022	0.989	0.002	0.004	0.26	0.11
17	-0.500	0.973	1014.62	1413.9	510.8	78.4	0.959	0.988	1.001	0.026	0.988	0.002	0.004	0.22	0.12
18	0.000	0.974	1014.90	1410.6	509.8	78.3	0.959	0.987	1.002	0.028	0.987	0.002	0.003	0.17	0.10
19	0.500	0.974	1015.30	1413.7	511.1	78.4	0.961	0.989	1.001	0.023	0.989	0.002	0.003	0.16	0.10
20	1.000	0.972	1013.73	1414.1	510.4	78.4	0.959	0.988	1.001	0.026	0.988	0.002	0.002	0.11	0.11
21	1.500	0.973	1014.58	1412.5	510.2	78.4	0.945	0.975	1.001	0.051	0.975	0.002	0.002	0.10	0.11
22	2.000	0.973	1014.00	1412.4	510.0	78.3	0.961	0.990	1.001	0.021	0.990	0.002	0.001	0.05	0.10
23	2.500	0.971	1012.52	1412.8	509.3	78.3	0.960	0.991	1.002	0.022	0.991	0.002	0.000	0.01	0.12
24	3.000	0.974	1015.28	1412.1	510.5	78.3	0.961	0.988	1.001	0.025	0.988	0.002	-0.000	-0.02	0.10
25	3.500	0.977	1018.80	1410.4	509.2	78.3	0.962	0.991	1.001	0.020	0.991	0.002	-0.001	-0.04	0.09
26	4.000	0.972	1013.41	1412.8	509.7	78.4	0.964	0.993	1.001	0.016	0.993	0.002	-0.001	-0.04	0.10
27	4.500	0.974	1015.67	1414.0	511.4	78.4	0.965	0.992	1.001	0.018	0.992	0.002	-0.002	-0.09	0.10
28	5.000	0.973	1014.74	1411.4	510.0	78.3	0.964	0.992	1.001	0.018	0.992	0.002	-0.002	-0.10	0.10
29	5.500	0.973	1014.61	1412.6	510.3	78.3	0.968	0.996	1.001	0.010	0.996	0.002	-0.002	-0.09	0.10
30	6.000	0.973	1014.17	1413.0	510.2	78.4	0.968	0.996	1.001	0.010	0.996	0.002	-0.001	-0.07	0.11
31	6.500	0.972	1013.57	1412.9	509.9	78.3	0.966	0.995	1.001	0.012	0.995	0.002	-0.002	-0.10	0.09
32	7.000	0.975	1015.46	1411.8	510.7	78.2	0.969	0.995	1.002	0.013	0.995	0.002	-0.001	-0.08	0.11
33	7.500	0.974	1015.58	1409.5	509.7	78.4	0.965	0.992	1.001	0.017	0.992	0.002	-0.001	-0.06	0.09
34	8.000	0.975	1015.24	1412.9	511.3	78.3	0.968	0.994	1.001	0.013	0.994	0.002	-0.001	-0.06	0.10
35	8.500	0.974	1015.47	1411.0	510.2	78.3	0.962	0.989	1.002	0.024	0.989	0.002	-0.001	-0.08	0.10
36	9.000	0.975	1015.83	1410.1	510.1	78.2	0.958	0.986	1.002	0.031	0.986	0.001	-0.001	-0.08	0.08
37	9.500	0.975	1016.43	1412.3	511.3	78.2	0.958	0.985	1.001	0.032	0.985	0.002	-0.002	-0.12	0.09
38	10.000	0.975	1015.91	1410.8	510.4	78.2	0.943	0.973	1.002	0.058	0.973	0.001	-0.002	-0.14	0.09
39	10.500	0.976	1016.79	1411.3	511.1	78.1	0.943	0.971	1.001	0.059	0.971	0.001	-0.003	-0.17	0.09
40	11.000	0.975	1016.24	1410.7	510.5	78.4	0.942	0.971	1.002	0.061	0.971	0.001	-0.003	-0.18	0.08
41	11.500	0.976	1016.89	1412.4	511.5	78.2	0.942	0.971	1.001	0.061	0.971	0.001	-0.004	-0.24	0.07
42	12.000	0.977	1017.67	1412.2	511.9	78.2	0.942	0.970	1.001	0.062	0.970	0.001	-0.005	-0.27	0.07
43	12.500	0.979	1019.07	1411.2	512.2	78.3	0.942	0.969	1.001	0.064	0.969	0.001	-0.005	-0.30	0.06
44	13.000	0.977	1017.48	1412.4	511.8	78.2	0.943	0.971	1.001	0.061	0.971	0.001	-0.006	-0.34	0.05
47	13.500	0.971	1012.80	1412.2	509.3	78.1	0.941	0.974	1.001	0.055	0.973	0.001	-0.006	-0.34	0.07
48	14.000	0.974	1015.14	1411.4	510.2	78.2	0.942	0.973	1.002	0.058	0.972	0.001	-0.006	-0.38	0.06
49	14.500	0.978	1018.45	1411.6	512.1	78.1	0.944	0.971	1.002	0.062	0.970	0.001	-0.007	-0.39	0.07
50	15.000	0.976	1016.61	1409.7	510.5	78.1	0.944	0.973	1.002	0.057	0.973	0.001	-0.007	-0.39	0.04
51	15.500	0.980	1020.19	1413.7	513.8	78.1	0.963	0.985	1.001	0.031	0.985	0.001	-0.007	-0.39	0.06

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1057	3,006	5.01	60	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
52	16.000	0.974	1014.75	1412.1	510.3	78.1	0.960	0.988	1.001	0.025	0.998	0.001	-0.006	-0.37	0.05
53	16.500	0.977	1017.40	1410.2	511.1	78.1	0.964	0.989	1.002	0.025	0.989	0.001	-0.006	-0.36	0.05
55	17.000	0.975	1016.16	1413.2	511.5	78.0	0.949	0.995	1.001	0.012	0.995	0.001	-0.006	-0.34	0.07
54	17.500	0.976	1016.98	1410.7	511.1	76.0	0.949	0.994	1.002	0.014	0.994	0.001	-0.004	-0.26	0.06
63	18.000	0.977	1013.28	1412.5	509.7	76.1	0.964	0.993	1.001	0.016	0.993	0.001	-0.004	-0.20	0.05
64	18.500	0.977	1017.45	1412.3	511.8	78.1	0.972	0.996	1.001	0.010	0.996	0.001	-0.003	-0.17	0.05
65	19.000	0.977	1018.11	1410.6	511.6	78.1	0.976	0.999	1.001	0.005	0.999	0.001	-0.002	-0.11	0.06
66	19.500	0.978	1018.75	1413.4	513.0	78.0	0.972	0.995	1.001	0.012	0.995	0.001	-0.002	-0.10	0.06
67	20.000	0.976	1017.05	1411.4	511.3	78.1	0.965	0.991	1.001	0.021	0.991	0.001	-0.002	-0.12	0.08
68	20.500	0.978	1018.44	1411.0	511.9	78.0	0.968	0.991	1.001	0.019	0.991	0.001	-0.002	-0.09	0.06
69	21.000	0.978	1015.13	1412.8	512.4	78.0	0.966	0.990	1.001	0.022	0.990	0.001	-0.002	-0.12	0.06
70	21.500	0.980	1020.11	1412.6	513.4	78.0	0.965	0.988	1.001	0.027	0.986	0.001	-0.002	-0.12	0.06
71	22.000	0.975	1016.10	1411.1	510.7	76.0	0.964	0.990	1.001	0.021	0.990	0.001	-0.002	-0.13	0.06
72	22.500	0.974	1015.10	1411.1	510.2	78.0	0.961	0.989	1.001	0.024	0.989	0.001	-0.002	-0.14	0.04
73	23.000	0.976	1016.67	1411.6	511.2	78.1	0.962	0.989	1.001	0.025	0.988	0.001	-0.002	-0.14	0.05
74	23.500	0.977	1017.35	1412.3	511.8	78.0	0.964	0.989	1.002	0.025	0.989	0.001	-0.002	-0.12	0.04
75	24.000	0.975	1016.11	1411.3	510.9	77.9	0.963	0.990	1.001	0.023	0.990	0.001	-0.002	-0.12	0.05

TEST	PART	REX10-6	ALPH	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1058	3.997	5.01	68	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VPL/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
6	-6.000	0.974	1014.46	1410.1	509.6	77.9	0.963	0.991	1.002	0.020	0.991	0.002	0.001	0.05	0.12
7	-5.500	0.975	1014.00	1411.8	511.0	77.9	0.966	0.992	1.001	0.018	0.992	0.002	0.000	0.01	0.13
8	-5.000	0.974	1014.95	1411.7	510.5	77.8	0.965	0.992	1.001	0.017	0.992	0.002	0.000	0.01	0.14
9	-4.500	0.973	1014.31	1410.9	509.8	77.9	0.963	0.991	1.001	0.020	0.991	0.002	0.000	0.00	0.16
10	-4.000	0.976	1015.30	1412.0	511.2	77.9	0.966	0.992	1.001	0.017	0.992	0.003	-0.000	-0.00	0.15
11	-3.500	0.974	1014.61	1410.8	509.9	77.9	0.962	0.990	1.002	0.023	0.990	0.002	-0.000	-0.02	0.12
12	-3.000	0.974	1014.43	1407.3	508.6	77.8	0.961	0.989	1.002	0.024	0.989	0.002	-0.000	-0.01	0.14
13	-2.500	0.977	1017.10	1414.0	512.4	77.9	0.968	0.993	1.001	0.017	0.993	0.002	-0.001	-0.03	0.14
14	-2.000	0.974	1014.78	1413.4	510.8	77.9	0.960	0.988	1.002	0.028	0.988	0.003	-0.001	-0.05	0.16
15	-1.500	0.977	1013.22	1406.2	507.6	77.8	0.944	0.975	1.002	0.052	0.975	0.003	-0.001	-0.07	0.18
16	-1.000	0.974	1015.13	1413.3	511.1	77.9	0.965	0.992	1.001	0.017	0.992	0.003	-0.002	-0.09	0.19
17	-0.500	0.972	1013.41	1412.7	510.0	77.8	0.944	0.975	1.001	0.052	0.975	0.003	-0.002	-0.12	0.18
18	0.000	0.975	1015.30	1407.8	509.2	77.8	0.944	0.973	1.001	0.055	0.973	0.003	-0.002	-0.14	0.19
19	0.500	0.975	1015.31	1412.0	510.8	77.8	0.964	0.991	1.001	0.021	0.991	0.004	-0.003	-0.15	0.22
20	1.000	0.973	1013.73	1413.1	510.3	77.8	0.944	0.975	1.002	0.053	0.975	0.004	-0.003	-0.17	0.24
21	1.500	0.975	1016.04	1407.5	509.6	77.7	0.944	0.972	1.001	0.057	0.972	0.004	-0.004	-0.21	0.24
22	2.000	0.977	1017.61	1409.3	510.9	78.0	0.965	0.989	1.002	0.023	0.989	0.004	-0.004	-0.23	0.26
23	2.500	0.976	1016.33	1416.4	512.9	77.8	0.963	0.989	1.001	0.022	0.989	0.005	-0.004	-0.26	0.29
24	3.000	0.977	1013.23	1409.8	509.0	77.6	0.944	0.975	1.002	0.052	0.975	0.005	-0.005	-0.28	0.29
25	3.500	0.976	1016.91	1404.7	509.0	77.8	0.964	0.989	1.001	0.023	0.989	0.005	-0.006	-0.32	0.30
26	4.000	0.978	1018.03	1417.5	514.1	77.9	0.972	0.995	1.000	0.009	0.995	0.006	-0.006	-0.32	0.35
27	4.500	0.974	1014.66	1414.4	511.4	77.6	0.962	0.990	1.002	0.024	0.990	0.005	-0.006	-0.34	0.32
28	5.000	0.974	1014.86	1402.6	507.2	77.6	0.960	0.988	1.002	0.027	0.988	0.005	-0.006	-0.32	0.31
29	5.500	0.979	1019.85	1417.0	514.4	77.8	0.977	0.998	1.000	0.004	0.998	0.006	-0.006	-0.33	0.34
30	6.000	0.972	1013.29	1414.0	510.4	77.7	0.965	0.994	1.003	0.017	0.994	0.005	-0.006	-0.32	0.29
31	6.500	0.977	1017.58	1403.0	506.2	77.6	0.962	0.991	1.002	0.021	0.991	0.005	-0.006	-0.33	0.29
32	7.000	0.974	1015.37	1408.1	508.5	78.0	0.971	0.997	1.001	0.007	0.997	0.005	-0.005	-0.30	0.28
33	7.500	0.976	1017.01	1422.0	515.2	77.9	0.976	1.000	1.001	0.002	0.999	0.005	-0.005	-0.30	0.31
39	8.000	0.975	1016.08	1420.3	514.0	78.1	0.976	1.001	1.002	0.002	1.001	0.005	-0.005	-0.28	0.28
41	8.500	0.978	1017.50	1407.7	510.7	77.0	0.974	0.996	1.000	0.007	0.996	0.005	-0.004	-0.25	0.29
43	9.000	0.975	1014.67	1390.4	503.3	76.4	0.943	0.972	1.002	0.058	0.972	0.004	-0.005	-0.32	0.26
44	9.500	0.980	1019.65	1396.8	507.6	76.5	0.966	0.988	1.001	0.025	0.988	0.005	-0.005	-0.29	0.30
46	10.000	0.979	1017.58	1406.7	510.7	76.4	0.963	0.986	1.001	0.029	0.986	0.006	-0.005	-0.31	0.32
47	10.500	0.976	1015.27	1405.2	509.0	76.3	0.943	0.971	1.002	0.061	0.971	0.005	-0.006	-0.35	0.32
49	11.000	0.977	1015.64	1399.5	507.2	76.2	0.943	0.971	1.001	0.061	0.971	0.007	-0.006	-0.38	0.39
50	11.500	0.978	1017.07	1404.1	509.6	76.2	0.944	0.970	1.001	0.062	0.970	0.007	-0.007	-0.40	0.41
51	12.000	0.975	1014.24	1406.4	509.0	76.1	0.942	0.971	1.001	0.060	0.971	0.007	-0.007	-0.42	0.43
52	12.500	0.976	1014.70	1404.3	508.5	76.1	0.941	0.970	1.002	0.063	0.970	0.008	-0.008	-0.45	0.47
53	13.000	0.978	1016.20	1402.5	508.7	75.9	0.942	0.970	1.002	0.064	0.969	0.009	-0.008	-0.48	0.51
54	13.500	0.977	1015.78	1403.2	508.7	76.1	0.943	0.970	1.001	0.061	0.970	0.009	-0.009	-0.51	0.52
55	14.000	0.977	1015.39	1405.4	509.3	76.0	0.944	0.972	1.001	0.058	0.972	0.009	-0.009	-0.52	0.55
56	14.500	0.980	1017.85	1407.3	511.5	75.6	0.959	0.982	1.001	0.037	0.982	0.010	-0.009	-0.54	0.56
57	15.000	0.976	1014.82	1402.7	508.2	75.7	0.958	0.984	1.002	0.034	0.984	0.010	-0.009	-0.53	0.57
60	15.500	0.978	1016.67	1403.7	509.5	75.8	0.965	0.988	1.001	0.025	0.988	0.010	-0.009	-0.54	0.58

TEST	PART	REX10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1059	2.997	5.01	60	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
61	16.000	0.977	1016.02	1406.0	509.9	75.9	0.946	0.991	1.002	0.022	0.990	0.010	-0.009	-0.54	0.60
62	16.500	0.976	1014.78	1405.7	509.3	75.5	0.967	0.992	1.002	0.018	0.992	0.010	-0.010	-0.56	0.59
63	17.000	0.976	1014.88	1400.1	507.3	75.7	0.970	0.994	1.002	0.015	0.994	0.010	-0.009	-0.50	0.56
65	17.500	0.976	1014.05	1403.1	508.0	75.6	0.978	1.002	1.001	-0.002	1.002	0.010	-0.008	-0.44	0.56
66	18.000	0.977	1015.33	1404.9	509.1	75.7	0.982	1.005	1.002	-0.006	1.005	0.009	-0.006	-0.35	0.52
67	18.500	0.977	1015.47	1400.4	507.8	75.5	0.984	1.006	1.002	-0.009	1.006	0.008	-0.004	-0.24	0.48
70	19.000	0.977	1015.07	1403.3	508.7	75.4	0.990	1.012	1.001	-0.022	1.012	0.009	-0.002	-0.13	0.51
71	19.500	0.976	1013.91	1403.2	508.0	75.4	0.979	1.003	1.001	-0.003	1.003	0.009	-0.001	-0.04	0.54
72	20.000	0.977	1015.29	1401.5	508.2	75.2	0.972	0.995	1.001	0.011	0.995	0.010	-0.000	-0.03	0.57
73	20.500	0.976	1014.37	1400.4	507.2	75.5	0.966	0.992	1.001	0.019	0.991	0.010	-0.001	-0.05	0.59
75	21.000	0.976	1015.07	1406.6	510.2	75.6	0.957	0.991	1.001	0.020	0.991	0.010	-0.001	-0.07	0.59
76	21.500	0.976	1013.14	1402.9	507.5	75.5	0.960	0.987	1.002	0.029	0.987	0.011	-0.002	-0.10	0.61
77	22.000	0.976	1014.46	1399.1	506.8	75.4	0.962	0.988	1.001	0.025	0.988	0.010	-0.002	-0.13	0.60
78	22.500	0.978	1016.35	1403.1	509.2	75.5	0.967	0.990	1.001	0.022	0.990	0.011	-0.002	-0.12	0.63
79	23.000	0.976	1014.54	1405.8	509.3	75.4	0.964	0.990	1.001	0.023	0.989	0.011	-0.002	-0.13	0.63
80	23.500	0.973	1011.38	1401.7	506.2	75.4	0.958	0.987	1.002	0.028	0.987	0.011	-0.003	-0.17	0.63
81	24.000	0.977	1014.93	1400.5	507.6	75.4	0.964	0.989	1.001	0.024	0.989	0.011	-0.003	-0.16	0.63

TEST	PIPT	REY10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1050	7.998	5.01	68	14.14	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	VL	VMI/VM	PTI/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
6	-6.000	0.973	1011.71	1402.1	506.5	75.3	0.945	0.975	1.002	0.052	0.975	0.003	0.003	0.19	0.15
7	-5.500	0.974	1012.72	1399.2	504.0	75.3	0.961	0.989	1.002	0.025	0.989	0.002	0.003	0.18	0.14
8	-5.000	0.975	1013.04	1400.5	506.7	75.2	0.965	0.992	1.001	0.017	0.992	0.003	0.003	0.16	0.15
9	-4.500	0.974	1012.69	1403.7	507.6	75.3	0.964	0.991	1.001	0.020	0.991	0.003	0.003	0.18	0.15
10	-4.000	0.973	1012.00	1401.5	506.5	75.4	0.961	0.989	1.002	0.024	0.989	0.003	0.003	0.16	0.16
11	-3.500	0.974	1012.20	1401.8	506.7	75.3	0.962	0.990	1.002	0.022	0.990	0.003	0.003	0.16	0.15
12	-3.000	0.974	1011.66	1402.2	506.7	75.1	0.961	0.989	1.002	0.025	0.989	0.003	0.003	0.17	0.17
13	-2.500	0.974	1012.12	1400.1	506.1	75.2	0.960	0.988	1.002	0.027	0.988	0.003	0.003	0.15	0.19
14	-2.000	0.974	1012.46	1400.0	506.2	75.3	0.959	0.987	1.001	0.028	0.987	0.003	0.003	0.16	0.20
15	-1.500	0.975	1013.03	1403.2	507.7	75.1	0.960	0.987	1.001	0.027	0.987	0.004	0.003	0.15	0.23
16	-1.000	0.975	1012.73	1403.2	507.6	75.0	0.944	0.974	1.002	0.055	0.974	0.004	0.003	0.16	0.26
17	-0.500	0.977	1014.50	1398.2	506.8	74.8	0.944	0.972	1.002	0.059	0.972	0.004	0.003	0.15	0.28
18	0.000	0.975	1013.36	1403.6	508.2	75.0	0.944	0.973	1.002	0.056	0.973	0.005	0.003	0.16	0.31
19	0.500	0.974	1012.64	1403.6	507.6	75.2	0.944	0.974	1.002	0.056	0.973	0.006	0.003	0.15	0.33
20	1.000	0.974	1011.92	1398.1	505.3	75.0	0.943	0.973	1.002	0.057	0.973	0.006	0.002	0.13	0.36
21	1.500	0.975	1012.91	1395.5	506.5	74.8	0.965	0.974	1.001	0.055	0.974	0.007	0.002	0.13	0.40
22	2.000	0.974	1012.20	1402.4	507.1	74.8	0.959	0.987	1.001	0.029	0.987	0.007	0.002	0.13	0.43
23	2.500	0.973	1011.43	1400.1	505.8	74.9	0.943	0.974	1.002	0.055	0.974	0.007	0.002	0.12	0.43
24	3.000	0.974	1011.76	1396.8	504.8	75.0	0.943	0.974	1.001	0.055	0.974	0.008	0.002	0.10	0.46
25	3.500	0.974	1012.65	1401.6	506.9	75.1	0.962	0.989	1.001	0.022	0.989	0.008	0.002	0.11	0.49
26	4.000	0.974	1012.46	1406.0	508.3	75.3	0.962	0.990	1.001	0.023	0.989	0.009	0.002	0.12	0.50
27	4.500	0.973	1010.87	1400.0	505.5	74.9	0.961	0.990	1.002	0.024	0.990	0.008	0.002	0.11	0.48
28	5.000	0.972	1010.75	1393.8	503.2	75.0	0.962	0.991	1.002	0.021	0.991	0.008	0.002	0.10	0.46
29	5.500	0.976	1013.97	1400.2	507.1	75.2	0.970	0.995	1.000	0.010	0.995	0.008	0.002	0.12	0.47
30	6.000	0.975	1013.38	1407.3	509.4	75.1	0.971	0.997	1.002	0.009	0.997	0.008	0.002	0.13	0.46
31	6.500	0.974	1012.84	1403.0	507.3	74.8	0.967	0.994	1.002	0.016	0.994	0.007	0.002	0.13	0.41
32	7.000	0.976	1013.46	1394.7	504.9	75.0	0.968	0.993	1.002	0.016	0.993	0.007	0.002	0.12	0.38
33	7.500	0.978	1015.75	1397.1	506.9	75.1	0.975	0.997	1.001	0.007	0.997	0.006	0.002	0.13	0.35
36	8.000	0.974	1011.74	1405.9	508.2	74.7	0.970	0.997	1.001	0.009	0.996	0.006	0.003	0.15	0.34
37	8.500	0.972	1010.07	1396.7	504.1	74.6	0.945	0.976	1.002	0.051	0.976	0.005	0.002	0.15	0.31
38	9.000	0.973	1010.60	1398.2	501.3	74.6	0.944	0.975	1.002	0.053	0.975	0.006	0.003	0.17	0.36
39	9.500	0.975	1012.89	1393.1	500.6	74.7	0.959	0.986	1.001	0.031	0.986	0.007	0.003	0.18	0.39
42	10.000	0.975	1013.24	1401.6	507.4	74.9	0.963	0.989	1.000	0.022	0.989	0.007	0.003	0.18	0.42
43	10.500	0.973	1010.93	1398.1	504.9	74.9	0.942	0.974	1.002	0.056	0.973	0.007	0.003	0.18	0.44
44	11.000	0.975	1012.82	1394.8	504.7	74.9	0.943	0.972	1.001	0.058	0.972	0.008	0.003	0.19	0.47
45	11.500	0.976	1013.81	1397.9	506.2	75.1	0.944	0.973	1.001	0.057	0.973	0.009	0.004	0.21	0.53
46	12.000	0.975	1013.45	1403.6	508.1	75.1	0.944	0.973	1.001	0.057	0.973	0.010	0.004	0.22	0.58
47	12.500	0.976	1014.10	1404.6	508.8	75.1	0.943	0.971	1.001	0.059	0.971	0.010	0.004	0.24	0.61
48	13.000	0.974	1012.67	1402.0	507.1	75.1	0.943	0.972	1.002	0.059	0.972	0.011	0.005	0.27	0.64
49	13.500	0.975	1013.44	1394.5	504.7	75.2	0.943	0.972	1.002	0.058	0.972	0.011	0.005	0.28	0.67
50	14.000	0.980	1014.95	1402.5	508.8	75.0	0.943	0.986	1.001	0.029	0.986	0.012	0.005	0.30	0.71
51	14.500	0.976	1013.31	1404.6	508.5	74.9	0.943	0.989	1.002	0.025	0.989	0.013	0.006	0.35	0.74
52	15.000	0.974	1013.63	1401.2	507.5	75.0	0.962	0.988	1.002	0.027	0.988	0.013	0.006	0.36	0.75
53	15.500	0.978	1015.99	1397.3	507.1	75.1	0.965	0.988	1.002	0.026	0.988	0.014	0.007	0.39	0.79

TEST	PART	RNX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1050	2.998	5.01	60	14.16	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SMTL
54	16.000	0.974	1012.63	1397.4	505.4	75.1	0.969	0.995	1.002	0.012	0.995	0.013	0.007	0.42	0.78
55	16.500	0.979	1016.74	1405.2	510.3	74.8	0.978	1.000	1.001	0.002	0.999	0.013	0.008	0.49	0.72
56	17.000	0.972	1009.96	1402.5	506.0	74.7	0.980	1.007	1.002	-0.011	1.007	0.010	0.009	0.52	0.58
57	17.500	0.974	1012.43	1395.7	504.9	75.4	0.992	1.015	1.002	-0.028	1.015	0.007	0.010	0.58	0.39
58	18.000	0.979	1017.34	1402.0	509.3	75.6	1.011	1.027	1.000	-0.053	1.027	0.004	0.012	0.64	0.22
59	18.500	0.976	1014.55	1406.4	509.4	75.7	1.022	1.039	1.001	-0.077	1.039	-0.002	0.013	0.74	-0.13
60	19.000	0.977	1015.35	1404.4	509.0	75.8	1.035	1.051	1.002	-0.099	1.050	-0.009	0.015	0.83	-0.47
61	19.500	0.976	1015.15	1401.5	507.8	75.9	1.047	1.059	1.001	-0.118	1.059	-0.016	0.019	1.00	-0.86
62	20.000	0.973	1013.06	1407.0	508.4	76.6	0.963	0.991	1.001	0.019	0.991	-0.012	0.024	1.41	-0.71
63	20.500	0.975	1015.23	1405.9	509.0	76.9	0.938	0.967	1.001	0.066	0.967	-0.009	0.024	1.40	-0.53
64	21.000	0.977	1015.99	1408.4	510.7	77.1	0.937	0.965	1.001	0.071	0.965	-0.007	0.023	1.37	-0.42
65	21.500	0.976	1016.18	1409.1	511.6	77.0	0.939	0.965	1.001	0.071	0.965	-0.005	0.022	1.32	-0.33
66	22.000	0.978	1017.47	1405.6	510.0	76.9	0.940	0.967	1.002	0.068	0.967	-0.004	0.021	1.27	-0.25
69	22.500	0.976	1015.54	1409.3	509.9	77.1	0.944	0.972	1.000	0.056	0.972	-0.002	0.020	1.21	-0.14
70	23.000	0.977	1017.28	1412.6	512.2	77.4	0.944	0.971	1.000	0.058	0.971	-0.002	0.020	1.16	-0.13
71	23.500	0.977	1016.70	1412.8	512.0	77.4	0.944	0.972	1.001	0.057	0.972	-0.002	0.020	1.15	-0.09
72	24.000	0.977	1016.80	1406.6	509.8	77.5	0.958	0.984	1.002	0.035	0.984	-0.001	0.019	1.11	-0.07

TEST	PART	REY10-6	ALFA	WING	YT	ZT	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1060	2.993	4.01	60	-10.00	-10.00	7	504	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
4	-6.000	0.971	1011.78	1409.6	507.8	77.6	0.962	0.993	1.000	0.015	0.993	0.002	0.003	0.18	0.10
6	-4.000	0.971	1012.29	1410.6	508.7	77.7	0.960	0.990	1.002	0.023	0.990	0.001	0.005	0.27	0.03
8	-2.000	0.972	1013.20	1410.3	508.9	78.0	0.958	0.988	1.002	0.027	0.988	-0.000	0.004	0.22	-0.03
9	0.000	0.971	1012.56	1412.4	509.3	78.1	0.944	0.976	1.001	0.048	0.976	-0.001	0.003	0.18	-0.07
10	2.000	0.973	1014.21	1412.5	510.2	78.1	0.959	0.987	1.002	0.029	0.987	-0.003	0.001	0.03	-0.17
11	4.000	0.971	1012.20	1411.2	508.7	78.1	0.959	0.990	1.002	0.023	0.990	-0.004	-0.001	-0.05	-0.22
12	6.000	0.972	1013.75	1411.3	509.5	78.1	0.966	0.994	1.001	0.014	0.994	-0.004	-0.001	-0.07	-0.20
13	8.000	0.979	1018.05	1413.2	512.5	78.0	0.969	0.993	1.001	0.016	0.993	-0.003	-0.001	-0.04	-0.18
14	10.000	0.978	1018.57	1412.1	512.4	78.1	0.958	0.983	1.001	0.036	0.983	-0.004	-0.001	-0.05	-0.23
15	12.000	0.978	1019.07	1411.3	512.3	78.2	0.943	0.969	1.001	0.063	0.969	-0.006	-0.003	-0.19	-0.36
16	14.000	0.974	1015.03	1410.0	509.7	78.1	0.943	0.973	1.002	0.057	0.973	-0.008	-0.005	-0.28	-0.48
21	16.000	0.973	1014.43	1412.0	510.1	78.1	0.966	0.994	1.001	0.015	0.993	-0.009	-0.006	-0.33	-0.52
24	18.000	0.975	1015.76	1412.2	510.9	78.1	0.982	1.006	1.001	-0.011	1.006	-0.008	-0.002	-0.14	-0.46
29	20.000	0.975	1015.90	1411.4	510.7	78.0	0.966	0.992	1.001	0.019	0.992	-0.009	0.003	0.16	-0.53
32	22.000	0.971	1012.43	1412.0	509.0	78.2	0.958	0.989	1.001	0.024	0.989	-0.010	0.002	0.14	-0.55
33	24.000	0.978	1018.55	1411.9	512.2	78.3	0.942	0.986	1.001	0.028	0.986	-0.010	0.001	0.08	-0.60

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-486	1009	3.000	-2.00	69	0.00	-5.00	6-301	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
8	9.000	0.974	1020.57	1431.9	517.7	83.9	0.943	0.973	1.001	0.056	0.973	-0.001	-0.031	-1.82	-0.05
9	9.666	0.975	1021.79	1432.0	519.2	84.2	0.940	0.970	1.001	0.063	0.969	-0.001	-0.032	-1.92	-0.05
10	10.333	0.976	1022.34	1431.9	518.5	84.0	0.939	0.968	1.001	0.066	0.967	-0.001	-0.035	-2.08	-0.05
11	11.000	0.977	1023.09	1432.7	519.0	84.2	0.940	0.968	1.001	0.065	0.967	-0.001	-0.038	-2.23	-0.05
12	11.666	0.978	1023.79	1432.0	519.5	83.8	0.943	0.970	1.001	0.062	0.969	-0.001	-0.039	-2.32	-0.07
13	12.333	0.978	1023.66	1433.4	520.0	83.7	0.963	0.987	1.001	0.027	0.986	-0.001	-0.039	-2.28	-0.04
14	13.000	0.979	1024.94	1432.7	520.2	84.1	0.976	0.997	1.001	0.007	0.997	-0.000	-0.037	-2.14	-0.03
15	13.666	0.979	1024.78	1432.9	520.5	83.5	0.988	1.007	1.001	-0.013	1.007	-0.001	-0.034	-1.93	-0.04
18	14.333	0.974	1021.68	1431.2	518.7	83.4	1.003	1.023	1.002	-0.044	1.023	-0.000	-0.029	-1.61	-0.02
19	15.000	0.978	1024.13	1432.1	519.6	84.0	1.014	1.031	1.001	-0.061	1.031	-0.000	-0.023	-1.27	-0.01
20	15.666	0.976	1021.96	1431.9	518.6	83.6	1.035	1.050	1.001	-0.098	1.050	0.000	-0.017	-0.92	0.00
21	16.333	0.979	1024.11	1433.1	520.3	83.3	1.056	1.065	1.001	-0.130	1.065	-0.000	-0.010	-0.54	-0.02
22	17.000	0.977	1023.79	1433.1	519.6	83.9	1.084	1.089	1.000	-0.178	1.089	0.001	-0.002	-0.11	0.03
23	17.666	0.975	1021.55	1432.6	518.6	83.6	1.105	1.109	1.000	-0.217	1.109	0.001	0.007	0.36	0.07
24	18.333	0.977	1023.13	1431.5	519.1	83.5	1.128	1.125	1.000	-0.250	1.125	0.002	0.015	0.78	0.10
25	19.000	0.976	1022.12	1431.5	518.3	84.0	0.935	0.965	1.000	0.070	0.965	-0.000	-0.004	-0.23	-0.00

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1013	3.001	-2.00	68	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
5	9.000	0.974	1021.04	1432.6	518.1	84.0	0.965	0.992	1.001	0.018	0.990	0.007	-0.049	-2.82	0.40
6	9.333	0.974	1020.15	1431.5	517.3	83.9	0.936	0.968	1.001	0.066	0.967	0.002	-0.028	-1.64	0.13
7	9.666	0.974	1020.12	1431.8	517.4	83.9	0.934	0.966	1.002	0.070	0.966	0.002	-0.029	-1.71	0.10
8	10.000	0.975	1020.75	1433.1	518.4	83.5	0.933	0.963	1.000	0.073	0.963	0.002	-0.031	-1.81	0.14
9	10.333	0.975	1020.96	1432.6	518.3	83.6	0.931	0.962	1.000	0.076	0.962	0.002	-0.033	-1.94	0.12
10	10.666	0.975	1021.71	1433.1	518.7	83.8	0.932	0.962	1.000	0.076	0.961	0.002	-0.035	-2.06	0.11
11	11.000	0.975	1021.83	1432.4	518.3	84.0	0.933	0.963	1.000	0.074	0.963	0.002	-0.036	-2.14	0.10
12	11.333	0.976	1023.25	1432.9	519.1	84.6	0.935	0.964	1.000	0.071	0.964	0.002	-0.037	-2.19	0.09
13	11.666	0.976	1022.98	1432.5	518.9	84.4	0.939	0.968	1.000	0.065	0.967	0.002	-0.037	-2.27	0.11
14	12.000	0.977	1023.20	1432.4	519.2	84.0	0.943	0.970	1.001	0.060	0.970	0.002	-0.037	-2.18	0.12
15	12.333	0.978	1023.33	1432.6	519.6	83.5	0.964	0.989	1.000	0.073	0.988	0.002	-0.036	-2.07	0.11
16	12.666	0.978	1023.77	1432.9	519.7	84.0	0.973	0.996	1.000	0.008	0.995	0.002	-0.034	-1.98	0.12
17	13.000	0.976	1022.62	1432.6	518.8	84.1	0.981	1.004	1.000	-0.008	1.004	0.002	-0.032	-1.84	0.13
18	13.333	0.975	1021.38	1432.1	518.3	83.6	0.993	1.015	1.001	-0.029	1.014	0.003	-0.030	-1.68	0.15
19	13.666	0.977	1022.70	1433.1	519.3	83.8	1.001	1.021	1.000	-0.042	1.020	0.003	-0.027	-1.52	0.14
20	14.000	0.977	1023.72	1432.1	519.3	84.2	1.008	1.026	1.000	-0.052	1.026	0.002	-0.024	-1.34	0.13
21	14.333	0.979	1024.31	1432.9	520.0	84.0	1.015	1.031	1.000	-0.062	1.031	0.002	-0.021	-1.14	0.14
22	14.666	0.977	1023.15	1432.3	519.2	84.0	1.022	1.039	1.000	-0.077	1.038	0.002	-0.017	-0.95	0.14
23	15.000	0.976	1021.60	1432.3	518.6	83.4	1.034	1.050	1.000	-0.099	1.049	0.003	-0.014	-0.77	0.14
24	15.333	0.977	1023.04	1432.8	519.4	83.8	1.049	1.061	1.000	-0.121	1.061	0.003	-0.010	-0.56	0.14
25	15.666	0.977	1023.02	1432.9	519.2	84.1	1.066	1.075	1.000	-0.151	1.075	0.003	-0.006	-0.30	0.14
26	16.000	0.978	1023.87	1432.9	519.8	84.0	1.084	1.089	1.000	-0.178	1.089	0.003	-0.000	-0.02	0.13
27	16.333	0.977	1022.88	1432.0	519.0	84.0	1.101	1.103	0.999	-0.207	1.103	0.003	0.004	0.23	0.18
28	16.666	0.976	1022.27	1433.1	519.1	83.7	1.117	1.117	0.999	-0.234	1.117	0.004	0.009	0.47	0.21
29	17.000	0.977	1022.32	1431.8	518.8	83.2	1.128	1.125	0.999	-0.251	1.125	0.004	0.013	0.67	0.22
30	17.333	0.977	1023.21	1433.1	519.7	83.5	1.141	1.135	0.997	-0.272	1.135	0.004	0.018	0.92	0.23
31	17.666	0.978	1023.74	1431.9	519.5	83.7	1.151	1.142	0.998	-0.285	1.142	0.004	0.021	1.08	0.22
32	18.000	0.979	1024.65	1432.7	520.1	84.0	1.159	1.148	0.997	-0.297	1.147	0.005	0.024	1.21	0.25
33	18.333	0.977	1023.83	1432.5	519.3	84.5	1.103	1.104	0.997	-0.212	1.104	0.005	0.008	0.39	0.26
34	18.666	0.978	1023.58	1431.8	519.3	83.8	0.964	0.988	0.997	0.019	0.988	0.003	-0.006	-0.37	0.18
35	19.000	0.977	1022.77	1432.1	518.1	83.5	0.924	0.954	0.997	0.088	0.953	0.003	-0.007	-0.44	0.17

TEST	PART	REX10-6	ALFA	WING	Y	Z	BWW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1014	3.003	-2.00	68	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	9.000	0.973	1019.90	1432.6	517.5	83.5	0.941	0.972	1.000	0.056	0.972	0.003	-0.020	-1.18	0.16
2	9.333	0.974	1019.76	1432.7	517.6	83.5	0.938	0.969	1.001	0.064	0.958	0.003	-0.019	-1.10	0.17
3	9.666	0.974	1020.20	1430.7	517.9	86.0	0.934	0.966	1.001	0.071	0.965	0.003	-0.020	-1.17	0.16
4	10.000	0.975	1021.00	1433.2	518.6	83.5	0.931	0.962	1.000	0.076	0.967	0.003	-0.021	-1.27	0.17
5	10.333	0.975	1021.05	1433.3	518.7	83.5	0.930	0.961	1.000	0.079	0.960	0.003	-0.022	-1.34	0.18
6	10.666	0.975	1020.91	1432.3	518.3	83.4	0.930	0.961	1.001	0.080	0.960	0.003	-0.024	-1.41	0.18
7	11.000	0.975	1020.88	1431.7	518.1	83.3	0.933	0.963	1.001	0.075	0.963	0.003	-0.025	-1.46	0.16
8	11.333	0.976	1021.77	1432.1	518.5	83.8	0.938	0.968	1.002	0.067	0.968	0.003	-0.025	-1.48	0.16
9	11.666	0.977	1023.03	1431.9	518.9	84.1	0.944	0.972	1.001	0.058	0.971	0.002	-0.024	-1.43	0.14
10	12.000	0.977	1023.04	1431.9	519.2	83.9	0.973	0.996	1.001	0.009	0.996	0.002	-0.023	-1.34	0.14
11	12.333	0.978	1023.70	1432.9	520.0	83.4	0.988	1.008	1.001	-0.016	1.008	0.003	-0.022	-1.24	0.18
12	12.666	0.978	1023.70	1432.2	519.6	83.7	1.002	1.021	1.001	-0.040	1.020	0.003	-0.020	-1.12	0.18
13	13.000	0.976	1024.33	1432.5	519.8	84.2	1.015	1.032	1.001	-0.061	1.031	0.003	-0.018	-0.99	0.19
14	13.333	0.978	1024.05	1432.5	519.7	84.0	1.025	1.040	1.001	-0.078	1.040	0.003	-0.015	-0.84	0.17
15	13.666	0.977	1022.85	1432.3	519.2	84.0	1.035	1.050	1.001	-0.097	1.049	0.002	-0.014	-0.74	0.14
16	14.000	0.978	1024.00	1432.8	519.7	84.2	1.046	1.058	1.001	-0.114	1.057	0.003	-0.011	-0.59	0.16
17	14.333	0.976	1022.44	1433.0	519.0	84.6	1.053	1.065	1.001	-0.128	1.065	0.003	-0.009	-0.47	0.15
18	14.666	0.977	1023.66	1433.2	519.6	83.7	1.065	1.074	1.000	-0.148	1.074	0.003	-0.007	-0.36	0.15
19	15.000	0.976	1022.48	1432.3	518.7	84.2	1.076	1.084	1.001	-0.167	1.084	0.003	-0.005	-0.24	0.18
20	15.333	0.976	1022.58	1432.7	519.0	84.0	1.087	1.093	1.001	-0.184	1.093	0.004	-0.002	-0.11	0.19
21	15.666	0.978	1023.61	1432.4	519.6	83.7	1.094	1.097	1.000	-0.194	1.097	0.003	-0.001	-0.04	0.16
22	16.000	0.979	1024.88	1432.4	520.1	84.0	1.104	1.104	1.000	-0.208	1.104	0.003	0.001	0.07	0.17
23	16.333	0.978	1024.43	1432.3	519.9	84.1	1.111	1.110	1.000	-0.219	1.110	0.003	0.003	0.17	0.18
24	16.666	0.978	1023.78	1432.5	519.6	84.0	1.116	1.115	1.000	-0.229	1.115	0.004	0.005	0.24	0.21
25	17.000	0.976	1024.04	1433.0	520.1	83.6	1.125	1.121	0.999	-0.243	1.121	0.004	0.006	0.30	0.23
26	17.333	0.977	1023.23	1432.2	519.3	83.6	1.129	1.125	0.999	-0.251	1.125	0.005	0.006	0.33	0.26
27	17.666	0.977	1022.91	1432.4	519.1	83.9	1.130	1.127	0.998	-0.255	1.127	0.005	0.006	0.32	0.27
28	18.000	0.977	1023.47	1431.8	519.3	84.0	1.121	1.118	0.998	-0.239	1.119	0.005	0.004	0.19	0.26
29	18.333	0.977	1023.28	1432.5	519.5	83.6	1.067	1.075	0.999	-0.151	1.075	0.005	-0.005	-0.25	0.24
30	18.666	0.978	1023.83	1433.5	520.3	83.3	1.013	1.030	1.000	-0.059	1.030	0.005	-0.004	-0.24	0.26
31	19.000	0.978	1023.79	1432.5	519.6	84.0	0.960	0.985	1.001	0.031	0.985	0.004	-0.000	-0.03	0.22

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1010	3.000	-2.00	6B	7.00	-5.00	6-302	2- 8-77	TRANSONIC 4T

POINT	X	M	V∞	PT	Q	TT	ML	VML/V∞	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	10.333	0.973	1019.23	1431.4	517.0	83.5	0.942	0.973	1.002	0.056	0.973	-0.001	-0.032	-1.86	-0.05
6	11.000	0.975	1020.60	1433.0	518.4	83.3	0.941	0.970	1.001	0.041	0.969	-0.001	-0.044	-2.60	-0.07
7	11.665	0.975	1021.65	1431.0	517.8	84.1	0.942	0.972	1.002	0.040	0.970	-0.001	-0.046	-2.71	-0.08
8	12.333	0.978	1024.03	1432.5	519.6	84.3	0.957	0.986	1.001	0.029	0.985	-0.002	-0.046	-2.69	-0.11
9	13.000	0.977	1023.39	1432.2	519.7	84.1	0.976	0.999	1.002	0.004	[illegible]	-0.003	-0.045	-2.58	-0.18
11	13.666	0.979	1024.49	1432.2	520.0	83.7	0.988	1.009	1.001	-0.014	1.007	-0.004	-0.041	-2.33	-0.23
12	14.333	0.972	1018.18	1430.9	516.4	83.2	0.998	1.022	1.002	-0.042	1.022	-0.006	-0.036	-2.01	-0.33
13	15.000	0.976	1021.81	1431.6	518.4	83.5	1.015	1.033	1.001	-0.065	1.033	-0.007	-0.030	-1.68	-0.39
14	15.666	0.978	1023.70	1431.3	519.2	83.8	1.034	1.048	1.001	-0.094	1.047	-0.007	-0.024	-1.31	-0.39
16	16.333	0.976	1021.86	1432.1	518.5	83.9	1.058	1.070	1.001	-0.130	1.069	-0.007	-0.016	-0.87	-0.40
17	17.000	0.979	1025.03	1433.4	520.6	83.9	1.084	1.087	1.000	-0.174	1.087	-0.007	-0.008	-0.41	-0.39
18	17.665	0.978	1023.77	1431.8	519.3	84.0	1.107	1.107	1.000	-0.214	1.107	-0.006	0.001	0.06	-0.34
19	18.333	0.978	1024.00	1431.5	519.3	84.1	1.130	1.126	0.999	-0.251	1.126	-0.006	0.011	0.54	-0.31
20	19.000	0.978	1024.73	1431.6	519.6	84.3	1.010	1.027	0.999	-0.055	1.027	-0.006	-0.006	-0.35	-0.34

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1015	2.997	-2.00	68	2.00	-3.00	6-307	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	10.000	0.973	1020.34	1432.1	517.5	84.3	0.937	0.969	1.001	0.064	0.968	0.002	-0.027	-1.63	0.11
5	10.333	0.973	1020.07	1431.8	517.4	84.0	0.932	0.964	1.001	0.074	0.963	-0.002	-0.041	-2.44	-0.13
6	10.656	0.974	1021.08	1432.5	518.0	84.2	0.932	0.963	1.001	0.077	0.962	-0.002	-0.044	-2.61	-0.15
7	11.000	0.975	1021.40	1431.8	518.2	84.0	0.932	0.963	1.001	0.076	0.962	-0.003	-0.047	-2.78	-0.17
8	11.333	0.975	1021.92	1432.4	518.5	84.1	0.934	0.964	1.001	0.072	0.963	-0.003	-0.048	-2.87	-0.17
9	11.666	0.974	1022.02	1432.4	518.6	83.9	0.938	0.967	1.001	0.057	0.966	-0.004	-0.050	-2.96	-0.25
11	12.000	0.977	1023.28	1432.9	519.5	83.9	0.942	0.968	1.000	0.062	0.968	-0.005	-0.050	-2.95	-0.31
12	12.333	0.977	1022.82	1432.7	519.1	83.6	0.961	0.986	1.001	0.079	0.995	-0.006	-0.049	-2.83	-0.36
13	12.666	0.978	1024.98	1431.9	519.7	84.5	0.972	0.994	1.000	0.012	0.993	-0.007	-0.047	-2.69	-0.41
14	13.000	0.979	1024.88	1432.4	520.1	84.0	0.982	1.002	1.001	-0.004	1.001	-0.008	-0.044	-2.51	-0.47
15	13.333	0.979	1025.44	1431.6	520.1	84.0	0.990	1.009	1.000	-0.018	1.009	-0.009	-0.040	-2.30	-0.48
16	13.666	0.979	1024.72	1431.6	519.5	84.5	0.999	1.019	1.001	-0.035	1.017	-0.009	-0.037	-2.07	-0.50
17	14.000	0.979	1024.65	1431.5	519.7	83.8	1.008	1.025	1.000	-0.049	1.024	-0.009	-0.033	-1.83	-0.51
18	14.333	0.977	1023.47	1431.5	518.1	83.9	1.018	1.035	1.000	-0.069	1.034	-0.009	-0.028	-1.55	-0.51
19	14.666	0.976	1022.47	1430.7	518.2	84.1	1.029	1.045	1.001	-0.089	1.045	-0.009	-0.023	-1.28	-0.51
21	15.000	0.977	1022.38	1432.3	518.3	83.5	1.046	1.059	1.000	-0.117	1.059	-0.010	-0.018	-0.98	-0.55
22	15.333	0.979	1024.60	1430.6	519.4	83.9	1.062	1.070	1.000	-0.140	1.070	-0.010	-0.013	-0.71	-0.52
23	15.666	0.979	1024.97	1429.6	519.3	83.6	1.079	1.084	1.000	-0.167	1.084	-0.009	-0.008	-0.41	-0.49
24	16.000	0.979	1024.31	1429.7	518.8	83.8	1.095	1.097	1.000	-0.195	1.097	-0.008	-0.001	-0.07	-0.43
25	16.333	0.977	1022.65	1428.8	517.8	83.6	1.110	1.111	1.000	-0.221	1.111	-0.007	0.004	0.21	-0.36
26	16.666	0.975	1021.70	1429.8	517.6	83.8	1.123	1.123	0.999	-0.246	1.123	-0.006	0.010	0.52	-0.31
27	17.000	0.976	1022.39	1430.0	517.9	84.0	1.137	1.133	0.999	-0.266	1.133	-0.005	0.016	0.79	-0.25
28	17.333	0.976	1022.00	1430.5	518.2	83.4	1.147	1.141	0.998	-0.283	1.141	-0.004	0.021	1.04	-0.18
29	17.565	0.976	1022.35	1430.1	517.9	84.1	1.158	1.150	0.998	-0.300	1.150	-0.003	0.026	1.32	-0.16
30	18.000	0.978	1024.10	1430.4	519.0	84.0	1.166	1.154	0.997	-0.309	1.153	-0.002	0.030	1.51	-0.09
31	18.333	0.977	1023.24	1430.1	518.4	84.0	1.118	1.117	0.997	-0.237	1.117	-0.000	0.014	0.71	-0.01
32	18.666	0.979	1024.43	1429.9	519.1	83.8	0.944	0.970	0.997	0.054	0.970	-0.002	-0.005	-0.32	-0.13
33	18.900	0.975	1021.65	1429.7	517.6	83.7	0.919	0.950	0.998	0.086	0.950	-0.005	-0.008	-0.46	-0.28

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1016	2.005	-2.00	48	2.00	-2.00	6-308	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	10.000	0.972	1018.94	1431.1	516.5	84.0	0.929	0.962	1.000	0.076	0.961	-0.004	-0.041	-2.43	-0.23
3	10.333	0.971	1017.67	1429.3	515.3	83.8	0.925	0.960	1.001	0.083	0.959	-0.003	-0.044	-2.66	-0.19
4	10.666	0.972	1019.22	1430.9	516.5	84.1	0.924	0.957	1.001	0.087	0.956	-0.004	-0.050	-2.98	-0.22
5	11.000	0.973	1019.60	1430.7	516.6	84.2	0.924	0.958	1.001	0.085	0.956	-0.005	-0.054	-3.24	-0.28
6	11.333	0.973	1018.85	1430.7	516.6	83.4	0.929	0.962	1.001	0.078	0.960	-0.006	-0.058	-3.45	-0.37
7	11.666	0.974	1020.66	1431.9	517.6	84.1	0.935	0.966	1.000	0.068	0.964	-0.009	-0.059	-3.50	-0.52
8	12.000	0.974	1020.20	1431.2	517.4	83.6	0.941	0.972	1.001	0.058	0.970	-0.011	-0.057	-3.39	-0.65
9	12.333	0.974	1021.41	1431.7	517.8	84.6	0.967	0.994	1.000	0.013	0.992	-0.013	-0.054	-3.13	-0.74
10	12.666	0.976	1022.03	1431.5	518.3	83.9	0.981	1.004	1.000	-0.009	1.003	-0.014	-0.050	-2.84	-0.80
12	13.000	0.975	1021.38	1431.0	517.9	83.6	0.991	1.013	1.000	-0.026	1.012	-0.014	-0.045	-2.55	-0.82
13	13.333	0.977	1023.03	1430.8	518.6	83.9	1.000	1.020	1.001	-0.039	1.019	-0.014	-0.040	-2.27	-0.80
14	13.666	0.977	1023.57	1431.8	519.2	84.0	1.007	1.025	1.000	-0.050	1.025	-0.014	-0.035	-1.95	-0.77
15	14.000	0.977	1023.07	1430.3	518.5	83.7	1.014	1.031	1.001	-0.062	1.031	-0.013	-0.030	-1.67	-0.71
16	14.333	0.978	1023.62	1431.7	519.3	83.8	1.024	1.039	1.000	-0.079	1.039	-0.011	-0.023	-1.28	-0.60
17	14.666	0.976	1022.75	1431.2	518.5	84.0	1.041	1.054	1.000	-0.109	1.054	-0.009	-0.016	-0.90	-0.51
18	15.000	0.977	1022.69	1430.7	518.6	83.4	1.062	1.071	1.000	-0.142	1.071	-0.009	-0.009	-0.47	-0.46
19	15.333	0.975	1021.21	1431.4	518.1	83.4	1.084	1.091	1.000	-0.183	1.091	-0.008	-0.001	-0.06	-0.41
20	15.666	0.977	1023.21	1431.3	518.9	83.8	1.107	1.108	0.999	-0.217	1.108	-0.007	0.006	0.33	-0.35
21	16.000	0.979	1024.50	1431.5	519.6	83.9	1.128	1.123	0.998	-0.248	1.123	-0.006	0.014	0.72	-0.29
22	16.333	0.977	1022.90	1431.3	518.7	84.0	1.141	1.136	0.998	-0.273	1.136	-0.004	0.021	1.06	-0.19
23	16.666	0.976	1022.32	1431.3	518.5	83.8	1.154	1.146	0.997	-0.294	1.146	-0.002	0.027	1.34	-0.08
24	17.000	0.976	1022.01	1430.9	518.2	83.6	1.162	1.153	0.997	-0.308	1.153	0.000	0.032	1.60	0.02
25	17.333	0.978	1024.05	1431.2	519.4	83.7	1.173	1.159	0.997	-0.320	1.158	0.003	0.037	1.85	0.13
26	17.666	0.978	1023.67	1431.6	519.3	83.8	1.177	1.162	0.995	-0.328	1.162	0.005	0.041	2.02	0.27
27	18.000	0.979	1024.91	1431.5	520.0	83.6	1.144	1.136	0.995	-0.276	1.135	0.010	0.026	1.33	0.49
28	18.333	0.978	1023.87	1430.8	519.0	84.0	0.976	0.989	0.996	-0.004	0.999	0.006	-0.000	-0.01	0.35
29	18.666	0.977	1023.11	1431.5	518.8	84.1	0.926	0.956	0.996	0.002	0.956	0.001	-0.005	-0.30	0.06
30	19.000	0.977	1022.99	1430.2	518.3	84.1	0.922	0.953	0.998	0.091	0.953	-0.002	-0.006	-0.35	-0.11

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-486	1017	2.996	-2.00	68	2.00	-1.00	6	309	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	10.000	0.972	1018.84	1430.9	516.5	83.8	0.921	0.955	1.000	0.090	0.954	-0.002	-0.048	-2.90	-0.13
5	10.333	0.973	1020.08	1431.6	517.1	84.4	0.911	0.946	1.000	0.108	0.944	-0.000	-0.056	-3.39	-0.01
6	10.666	0.973	1020.35	1430.8	517.0	84.2	0.923	0.938	1.000	0.124	0.935	0.001	-0.069	-4.19	0.04
7	11.000	0.974	1020.47	1431.9	517.7	83.8	0.925	0.939	1.000	0.121	0.936	-0.003	-0.082	-5.03	-0.20
8	11.333	0.975	1021.19	1431.6	517.9	83.9	0.918	0.950	1.000	0.100	0.946	-0.012	-0.088	-5.32	-0.71
9	11.666	0.975	1020.89	1431.3	517.8	83.5	0.933	0.963	1.000	0.074	0.959	-0.019	-0.085	-5.09	-1.12
10	12.000	0.975	1021.28	1431.9	518.3	83.4	0.945	0.973	1.000	0.053	0.970	-0.024	-0.078	-4.60	-1.39
11	12.333	0.975	1021.45	1431.5	518.2	83.6	0.981	1.005	1.000	-0.009	1.002	-0.025	-0.070	-3.97	-1.43
12	12.666	0.976	1022.02	1430.4	517.9	84.0	0.995	1.016	1.000	-0.032	1.014	-0.025	-0.061	-3.44	-1.41
13	13.000	0.977	1023.11	1430.4	518.4	84.0	1.004	1.023	1.001	-0.045	1.022	-0.024	-0.052	-2.91	-1.36
14	13.333	0.977	1023.14	1431.7	519.2	83.5	1.012	1.029	1.000	-0.058	1.028	-0.022	-0.044	-2.45	-1.24
15	13.666	0.978	1023.87	1432.3	519.9	83.4	1.017	1.033	1.000	-0.067	1.032	-0.020	-0.037	-2.05	-1.12
16	14.000	0.978	1023.66	1431.6	519.4	83.5	1.024	1.039	1.000	-0.078	1.039	-0.017	-0.029	-1.60	-0.96
17	14.333	0.976	1022.74	1431.0	518.5	84.0	1.036	1.051	1.000	-0.101	1.050	-0.014	-0.021	-1.14	-0.75
18	14.666	0.978	1023.70	1430.2	519.7	84.0	1.047	1.059	1.000	-0.117	1.059	-0.010	-0.013	-0.68	-0.54
19	15.000	0.977	1023.79	1430.6	518.6	84.5	1.057	1.067	1.000	-0.134	1.067	-0.006	-0.004	-0.19	-0.32
20	15.333	0.978	1023.70	1431.3	519.2	83.8	1.066	1.074	0.999	-0.149	1.074	-0.001	0.004	0.22	-0.05
21	15.666	0.978	1025.37	1432.2	520.3	84.0	1.078	1.082	0.998	-0.167	1.082	0.004	0.011	0.61	0.22
22	16.000	0.977	1023.46	1431.4	519.0	83.9	1.086	1.091	0.997	-0.186	1.091	0.009	0.018	0.94	0.49
24	16.333	0.977	1023.12	1431.3	518.7	84.1	1.100	1.103	0.997	-0.210	1.102	0.013	0.023	1.22	0.70
25	16.666	0.975	1021.67	1428.6	517.3	84.2	1.108	1.110	0.997	-0.224	1.110	0.017	0.027	1.41	0.87
26	17.000	0.977	1023.48	1431.3	518.9	84.1	1.117	1.116	0.995	-0.238	1.116	0.021	0.031	1.60	1.07
27	17.333	0.976	1022.49	1430.7	518.4	83.7	1.120	1.119	0.995	-0.243	1.118	0.024	0.033	1.67	1.21
28	17.666	0.978	1023.51	1431.3	519.2	83.6	1.086	1.091	0.995	-0.188	1.090	0.025	0.027	1.41	1.32
29	18.000	0.977	1023.25	1430.7	518.5	84.2	1.011	1.029	0.996	-0.063	1.028	0.018	0.015	0.83	1.01
30	18.333	0.976	1022.31	1429.3	517.6	84.0	0.958	0.985	1.000	0.030	0.985	0.010	0.006	0.33	0.57
31	18.666	0.977	1023.45	1430.1	518.6	83.8	0.934	0.963	1.000	0.074	0.963	0.004	0.002	0.12	0.26
32	19.000	0.977	1023.51	1430.8	518.7	84.2	0.927	0.956	0.999	0.086	0.956	0.000	0.001	0.03	0.03

TEST	PART	RE X10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1011	3.002	-2.00	68	4.00	-5.00	6-303	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
6	11.000	0.974	1022.68	1432.6	518.0	83.8	0.940	0.970	1.001	0.061	0.969	-0.001	-0.043	-2.53	-0.08
7	11.666	0.975	1020.88	1432.1	518.0	83.8	0.942	0.972	1.001	0.059	0.971	0.001	-0.044	-2.41	0.07
8	12.333	0.976	1022.17	1431.5	518.3	84.0	0.959	0.985	1.002	0.032	0.984	0.001	-0.046	-2.65	0.05
9	13.000	0.977	1023.94	1432.0	519.3	84.4	0.970	0.993	1.001	0.015	0.992	-0.001	-0.045	-2.61	-0.07
10	13.666	0.980	1025.15	1432.3	520.5	83.5	0.982	1.002	1.001	-0.003	1.001	-0.003	-0.043	-2.48	-0.18
12	14.333	0.978	1024.37	1431.9	519.6	84.0	0.997	1.015	1.001	-0.030	1.015	-0.006	-0.039	-2.22	-0.35
13	15.000	0.974	1020.22	1432.3	518.0	83.3	1.010	1.030	1.001	-0.059	1.030	-0.008	-0.034	-1.89	-0.52
14	15.666	0.977	1023.22	1431.9	519.0	84.2	1.026	1.042	1.001	-0.093	1.042	-0.011	-0.028	-1.52	-0.63
16	16.333	0.975	1021.99	1431.5	517.9	84.6	1.052	1.066	1.001	-0.130	1.065	-0.013	-0.020	-1.10	-0.71
17	17.000	0.976	1022.71	1431.5	518.5	84.2	1.078	1.086	1.001	-0.170	1.086	-0.015	-0.011	-0.60	-0.78
18	17.666	0.976	1022.75	1431.6	518.3	84.3	1.104	1.107	1.001	-0.212	1.107	-0.016	-0.001	-0.06	-0.82
19	18.333	0.976	1022.61	1431.7	518.6	84.3	1.129	1.127	0.999	-0.254	1.127	-0.016	0.009	0.46	-0.92
20	19.000	0.977	1018.99	1432.8	517.3	83.6	0.924	0.957	0.999	0.084	0.957	-0.013	-0.008	-0.49	-0.76

TEST	PART	REX10-6	ALFA	WING	Y	Z	PHV SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1010	2.997	-2.00	69	4.00	-3.00	6-310	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.974	1020.75	1430.6	517.3	83.9	0.933	0.964	1.001	0.073	0.963	-0.002	-0.041	-2.43	-0.13
4	11.333	0.975	1020.88	1432.1	518.0	83.7	0.936	0.966	1.001	0.069	0.965	0.005	-0.051	-3.01	0.30
5	11.666	0.974	1020.93	1430.4	517.2	84.1	0.936	0.967	1.001	0.068	0.966	0.005	-0.053	-3.17	0.31
6	12.000	0.975	1021.45	1431.0	517.7	84.2	0.939	0.969	1.002	0.064	0.968	0.005	-0.055	-3.27	0.29
7	12.333	0.976	1022.43	1431.2	518.3	84.4	0.942	0.970	1.001	0.061	0.969	0.003	-0.057	-3.34	0.20
8	12.666	0.977	1023.05	1430.5	518.4	84.2	0.961	0.987	1.002	0.029	0.985	0.001	-0.057	-3.30	0.08
9	13.000	0.978	1023.55	1431.4	519.1	83.8	0.972	0.995	1.001	0.012	0.994	-0.001	-0.056	-3.22	-0.07
10	13.333	0.978	1024.11	1431.7	519.5	83.9	0.983	1.004	1.001	-0.007	1.002	-0.004	-0.054	-3.08	-0.25
11	13.666	0.978	1023.85	1431.0	519.4	83.4	0.994	1.014	1.001	-0.025	1.012	-0.007	-0.051	-2.88	-0.40
12	14.000	0.979	1025.06	1430.9	519.4	84.5	1.006	1.024	1.001	-0.046	1.023	-0.010	-0.047	-2.63	-0.57
13	14.333	0.978	1022.11	1430.6	517.8	84.4	1.018	1.037	1.001	-0.071	1.036	-0.013	-0.043	-2.36	-0.74
14	14.666	0.976	1022.21	1431.1	518.3	83.8	1.028	1.044	1.001	-0.087	1.043	-0.016	-0.038	-2.07	-0.89
15	15.000	0.974	1020.64	1430.2	517.2	83.7	1.039	1.055	1.001	-0.108	1.054	-0.018	-0.032	-1.75	-0.99
16	15.333	0.974	1022.86	1431.6	518.7	84.1	1.059	1.069	1.000	-0.138	1.069	-0.019	-0.027	-1.45	-1.04
17	15.666	0.975	1022.91	1430.5	517.6	83.5	1.076	1.085	1.001	-0.169	1.085	-0.021	-0.021	-1.10	-1.08
18	16.000	0.976	1022.94	1430.3	518.2	84.2	1.094	1.098	1.000	-0.196	1.098	-0.022	-0.014	-0.72	-1.12
19	16.333	0.976	1022.65	1430.7	518.2	84.3	1.113	1.114	1.000	-0.227	1.114	-0.022	-0.006	-0.33	-1.14
20	16.666	0.974	1022.44	1430.5	517.9	84.5	1.128	1.126	1.000	-0.252	1.126	-0.022	0.001	0.06	-1.11
21	17.000	0.974	1022.58	1429.8	517.9	84.1	1.143	1.138	0.999	-0.276	1.138	-0.022	0.009	0.48	-1.11
22	17.333	0.974	1022.62	1430.1	517.8	84.5	1.157	1.149	0.998	-0.299	1.149	-0.022	0.017	0.83	-1.08
23	17.666	0.974	1023.29	1429.5	518.0	84.5	1.148	1.157	0.997	-0.315	1.157	-0.021	0.024	1.21	-1.03
24	18.000	0.979	1024.54	1431.4	519.6	83.9	1.179	1.164	0.997	-0.329	1.163	-0.021	0.032	1.56	-1.04
25	18.333	0.976	1022.11	1430.2	517.9	83.9	1.159	1.151	0.997	-0.304	1.150	-0.015	0.024	1.21	-0.72
26	18.666	0.974	1022.43	1430.1	517.8	84.4	0.929	0.960	0.997	0.075	0.960	-0.011	-0.008	-0.46	-0.67
27	19.000	0.975	1021.90	1430.0	517.6	84.2	0.910	0.942	0.997	0.109	0.942	-0.013	-0.011	-0.70	-0.78

TEST	PART	RNX10-6	ALFA	WING	Y	Z	PMV SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1019	2.995	-2.00	68	4.00	-2.00	6-311	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	0.971	1017.64	1430.9	515.9	83.7	0.929	0.963	1.002	0.076	0.962	0.010	-0.052	-3.08	0.60
3	11.333	0.973	1019.28	1431.3	517.0	83.4	0.929	0.962	1.001	0.078	0.960	0.011	-0.055	-3.29	0.67
4	11.665	0.973	1019.96	1429.7	516.6	83.9	0.931	0.963	1.002	0.077	0.961	0.011	-0.059	-3.50	0.60
5	12.000	0.975	1021.43	1431.3	516.0	83.8	0.934	0.964	1.001	0.073	0.962	0.011	-0.062	-3.69	0.66
6	12.333	0.974	1021.23	1430.6	517.4	84.2	0.937	0.968	1.001	0.067	0.966	0.008	-0.065	-3.85	0.49
7	12.666	0.976	1021.69	1430.3	517.9	83.5	0.942	0.971	1.001	0.061	0.969	0.004	-0.066	-3.90	0.26
8	13.000	0.976	1021.60	1430.5	517.9	83.5	0.969	0.995	1.001	0.013	0.992	-0.001	-0.066	-3.79	-0.06
9	13.333	0.977	1022.59	1430.7	518.5	83.5	0.985	1.007	1.001	-0.014	1.006	-0.007	-0.063	-3.57	-0.39
11	13.666	0.976	1021.89	1429.4	517.6	83.6	0.999	1.020	1.002	-0.037	1.018	-0.012	-0.058	-3.25	-0.67
12	14.000	0.978	1023.56	1430.8	519.0	83.6	1.012	1.029	1.001	-0.057	1.028	-0.017	-0.051	-2.85	-0.93
13	14.333	0.976	1022.13	1430.4	518.1	83.7	1.035	1.051	1.001	-0.100	1.050	-0.021	-0.042	-2.31	-1.17
14	14.666	0.977	1023.07	1429.5	518.1	83.9	1.053	1.064	1.001	-0.126	1.063	-0.024	-0.034	-1.85	-1.31
15	15.000	0.976	1021.89	1430.3	518.0	83.6	1.074	1.083	1.001	-0.164	1.082	-0.026	-0.028	-1.47	-1.38
16	15.333	0.978	1020.70	1429.9	517.3	83.4	1.097	1.102	1.001	-0.202	1.101	-0.027	-0.019	-0.99	-1.41
17	15.666	0.974	1021.97	1430.2	517.9	83.7	1.119	1.119	1.000	-0.237	1.119	-0.028	-0.009	-0.47	-1.44
19	16.000	0.977	1023.04	1430.4	518.7	83.7	1.138	1.133	1.000	-0.266	1.133	-0.029	-0.000	-0.01	-1.46
21	16.333	0.977	1023.07	1431.2	519.0	83.5	1.157	1.147	0.998	-0.295	1.147	-0.028	0.011	0.53	-1.41
22	16.666	0.977	1023.58	1429.8	518.5	83.9	1.170	1.158	0.998	-0.316	1.157	-0.028	0.020	1.00	-1.37
23	17.000	0.977	1023.56	1430.1	518.5	83.6	1.183	1.168	0.997	-0.336	1.167	-0.028	0.030	1.46	-1.37
24	17.333	0.979	1024.52	1431.0	519.5	83.9	1.192	1.173	0.995	-0.349	1.172	-0.025	0.038	1.86	-1.22
25	17.666	0.978	1024.17	1429.8	518.8	83.9	1.199	1.179	0.995	-0.360	1.178	-0.023	0.046	2.26	-1.13
26	18.000	0.978	1024.71	1429.7	519.1	83.8	1.203	1.181	0.995	-0.365	1.180	-0.020	0.051	2.49	-0.99
27	18.333	0.974	1022.69	1431.1	518.6	84.1	0.963	0.988	0.994	0.015	0.988	-0.008	-0.001	-0.07	-0.49
28	18.666	0.977	1023.42	1430.4	518.8	83.7	0.912	0.943	0.995	0.107	0.943	-0.011	-0.008	-0.48	-0.67
29	19.000	0.977	1022.95	1429.4	518.0	84.0	0.908	0.940	0.996	0.114	0.940	-0.013	-0.009	-0.55	-0.78

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1020	2.009	-2.00	64	4.00	-1.00	6-312	2- 8-77	

POINT	X	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UL/VW	VL/VW	WL/VW	AAL	BWL
1	11.000	0.975	1021.30	1431.6	519.0	84.0	0.921	0.953	1.000	0.094	0.952	0.017	-0.052	-3.11	1.08
2	11.333	0.976	1021.64	1430.4	517.8	83.7	0.920	0.952	1.001	0.098	0.950	0.021	-0.056	-3.36	1.27
3	11.666	0.976	1022.42	1430.4	518.1	83.9	0.920	0.951	1.001	0.100	0.949	0.024	-0.062	-3.73	1.45
4	12.000	0.977	1023.12	1430.6	519.5	84.0	0.921	0.951	1.001	0.099	0.948	0.026	-0.071	-4.27	1.56
5	12.333	0.977	1023.17	1430.3	518.6	83.7	0.924	0.954	1.001	0.094	0.950	0.022	-0.080	-4.82	1.35
6	12.666	0.977	1023.99	1431.0	518.8	84.7	0.934	0.963	1.000	0.075	0.958	0.012	-0.089	-5.30	0.70
7	13.000	0.977	1023.13	1430.6	518.6	83.8	0.964	0.989	1.001	0.024	0.984	-0.004	-0.091	-5.28	-0.21
8	13.333	0.978	1024.00	1430.6	518.9	84.2	0.997	1.017	1.001	-0.032	1.013	-0.017	-0.093	-4.70	-0.94
9	13.666	0.977	1023.25	1430.3	518.4	84.1	1.013	1.030	1.001	-0.059	1.028	-0.026	-0.072	-4.01	-1.43
10	14.000	0.977	1023.57	1429.8	518.5	84.0	1.018	1.034	1.001	-0.067	1.032	-0.032	-0.060	-3.35	-1.76
11	14.333	0.978	1024.03	1430.6	519.3	83.5	1.023	1.038	1.000	-0.076	1.036	-0.036	-0.048	-2.68	-1.99
12	14.666	0.979	1024.83	1429.8	519.8	83.5	1.055	1.063	1.000	-0.127	1.052	-0.038	-0.039	-2.08	-2.03
17	15.000	0.976	1020.98	1430.1	517.3	83.8	1.090	1.097	1.000	-0.193	1.096	-0.039	-0.026	-1.34	-2.03
18	15.333	0.976	1021.83	1430.4	517.9	83.9	1.127	1.126	0.999	-0.252	1.125	-0.040	-0.011	-0.57	-2.04
19	15.666	0.977	1023.15	1430.1	518.5	83.8	1.163	1.152	0.998	-0.305	1.151	-0.042	0.006	0.32	-2.07
20	16.000	0.978	1024.35	1430.5	519.1	84.0	1.188	1.170	0.996	-0.342	1.169	-0.041	0.024	1.19	-2.00
21	16.333	0.975	1025.34	1430.7	519.7	84.0	1.202	1.180	0.995	-0.362	1.179	-0.039	0.039	1.89	-1.90
25	16.666	0.974	1022.70	1430.2	518.2	84.0	1.210	1.188	0.994	-0.382	1.187	-0.039	0.051	2.46	-1.88
26	17.000	0.976	1021.27	1429.2	517.1	83.9	1.213	1.193	0.993	-0.391	1.192	-0.031	0.059	2.82	-1.50
27	17.333	0.976	1022.01	1429.1	517.4	83.9	1.216	1.195	0.993	-0.393	1.193	-0.027	0.065	3.12	-1.20
28	17.666	0.976	1024.05	1429.4	518.6	84.0	1.200	1.180	0.992	-0.366	1.179	-0.019	0.051	2.50	-0.93
29	18.000	0.977	1022.76	1429.7	518.4	83.3	1.017	1.034	0.992	-0.078	1.034	-0.008	0.009	0.52	-0.43
30	18.333	0.977	1023.69	1429.3	518.3	84.2	0.922	0.952	0.995	0.087	0.952	-0.009	0.001	0.04	-0.53
31	18.666	0.974	1022.78	1430.2	517.8	84.5	0.912	0.944	0.996	0.106	0.944	-0.012	-0.002	-0.09	-0.70
32	19.000	0.977	1023.39	1429.6	518.3	84.0	0.910	0.941	0.997	0.112	0.941	-0.013	-0.002	-0.15	-0.80

TEST	PART	RTY10-6	ALPH	WING	Y	Z	PHN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1017	3.009	-2.00	48	7.00	-5.00	6-304	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
2	13.000	0.978	1023.70	1432.7	519.9	83.4	0.941	0.967	1.001	0.066	0.966	0.001	-0.043	-2.52	0.05
3	13.466	0.978	1023.95	1433.0	520.1	83.5	0.974	0.996	1.002	0.010	0.995	0.005	-0.050	-2.85	0.28
4	14.333	0.977	1023.49	1432.2	519.4	84.0	0.982	1.004	1.001	-0.007	1.003	0.003	-0.049	-2.79	0.15
5	15.000	0.975	1020.94	1432.2	518.1	83.7	0.993	1.016	1.001	-0.030	1.015	-0.001	-0.047	-2.66	-0.06
6	15.666	0.977	1023.18	1432.0	519.1	84.0	1.009	1.027	1.001	-0.053	1.026	-0.006	-0.043	-2.42	-0.31
7	16.333	0.975	1021.59	1432.7	518.5	84.0	1.026	1.044	1.001	-0.085	1.043	-0.011	-0.038	-2.07	-0.59
8	17.000	0.976	1022.75	1431.6	518.3	84.3	1.051	1.064	1.002	-0.125	1.063	-0.016	-0.032	-1.70	-0.84
9	17.466	0.978	1025.91	1431.8	520.1	84.6	1.093	1.087	1.001	-0.172	1.086	-0.019	-0.024	-1.25	-1.01
10	18.333	0.976	1022.32	1431.5	518.4	84.1	1.120	1.119	1.000	-0.238	1.119	-0.023	-0.010	-0.53	-1.15
11	19.000	0.977	1022.35	1431.7	518.8	83.5	1.072	1.080	0.999	-0.161	1.080	-0.023	-0.015	-0.77	-1.21

TEST	PART	RE X10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TF-484	1021	2.906	-2.00	68	7.00	-3.00	6-313	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	13.000	0.975	1021.20	1429.8	517.3	83.9	0.934	0.965	1.001	0.072	0.964	0.005	-0.050	-2.98	0.32
5	13.333	0.976	1021.73	1430.2	517.8	83.6	0.962	0.989	1.001	0.025	0.987	0.010	-0.053	-3.07	0.55
6	13.666	0.977	1023.12	1430.2	518.6	83.6	0.970	0.993	1.001	0.014	0.992	0.008	-0.054	-3.12	0.49
7	14.000	0.977	1023.50	1430.2	518.6	83.9	0.977	0.999	1.001	0.003	0.998	0.006	-0.055	-3.15	0.36
8	14.333	0.978	1024.39	1430.2	519.1	83.9	0.982	1.003	1.001	-0.005	1.002	0.003	-0.056	-3.19	0.19
9	14.666	0.977	1023.60	1430.4	518.7	84.0	0.993	1.014	1.001	-0.026	1.012	-0.000	-0.056	-3.15	-0.02
10	15.000	0.978	1023.64	1429.9	518.8	83.6	1.003	1.022	1.001	-0.042	1.020	-0.004	-0.055	-3.06	-0.25
11	15.333	0.978	1024.77	1430.4	519.1	84.4	1.018	1.034	1.001	-0.067	1.033	-0.009	-0.052	-2.90	-0.49
12	15.666	0.976	1021.82	1430.2	517.8	83.8	1.031	1.047	1.001	-0.093	1.046	-0.015	-0.049	-2.67	-0.81
13	16.000	0.977	1023.21	1430.2	516.6	83.7	1.047	1.059	1.001	-0.117	1.058	-0.020	-0.044	-2.38	-1.09
14	16.333	0.976	1022.34	1430.1	517.9	84.2	1.067	1.077	1.001	-0.153	1.076	-0.024	-0.039	-2.09	-1.29
15	16.666	0.976	1022.31	1429.1	517.6	83.9	1.091	1.096	1.001	-0.189	1.095	-0.029	-0.034	-1.75	-1.51
16	17.000	0.973	1019.89	1429.9	516.6	83.8	1.112	1.116	1.000	-0.230	1.115	-0.032	-0.026	-1.33	-1.64
17	17.333	0.974	1020.20	1429.3	516.3	83.6	1.130	1.136	1.001	-0.269	1.135	-0.035	-0.017	-0.84	-1.76
18	17.666	0.976	1022.53	1429.7	517.9	84.0	1.166	1.156	0.999	-0.311	1.155	-0.036	-0.005	-0.23	-1.79
19	18.000	0.976	1023.72	1430.6	519.0	83.7	1.174	1.160	0.997	-0.321	1.159	-0.041	0.001	0.05	-2.05
20	18.333	0.976	1022.07	1429.4	517.5	84.0	1.174	1.162	0.996	-0.327	1.151	-0.048	0.007	0.37	-2.38
21	18.666	0.976	1023.43	1430.6	518.9	83.7	1.103	1.104	0.997	-0.213	1.104	-0.038	-0.011	-0.58	-1.96
22	19.000	0.978	1024.17	1429.9	518.6	84.4	0.921	0.951	0.997	0.092	0.950	-0.031	-0.026	-1.55	-1.90

TEST	PART	RNX10-6	ALFA	WING	Y	Z	DWW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1022	3.001	-2.00	6A	7.00	-2.00	6-314	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TM	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	13.000	0.975	1021.16	1431.2	517.9	83.6	0.942	0.972	1.001	0.058	0.970	0.015	-0.052	-3.07	0.86
3	13.333	0.976	1022.32	1429.5	517.7	84.0	0.943	0.972	1.001	0.059	0.970	0.014	-0.054	-3.21	0.85
4	13.666	0.974	1023.62	1430.3	517.3	83.6	0.961	0.988	1.001	0.025	0.987	0.013	-0.057	-3.28	0.78
5	14.000	0.974	1020.19	1429.9	516.9	83.6	0.967	0.994	1.001	0.014	0.992	0.012	-0.059	-3.40	0.67
6	14.333	0.974	1022.21	1431.1	518.3	83.9	0.978	1.002	1.001	-0.002	1.000	0.008	-0.061	-3.50	0.48
7	14.666	0.976	1021.60	1429.4	517.5	83.5	0.991	1.013	1.002	-0.024	1.011	0.003	-0.063	-3.56	0.17
8	15.000	0.977	1022.43	1430.0	518.3	83.3	1.009	1.027	1.001	-0.053	1.025	-0.004	-0.063	-3.54	-0.22
9	15.333	0.978	1024.05	1430.3	519.0	83.8	1.034	1.047	1.001	-0.093	1.046	-0.013	-0.061	-3.33	-0.70
10	15.666	0.975	1020.87	1430.6	517.6	83.4	1.057	1.069	1.001	-0.137	1.068	-0.022	-0.055	-2.97	-1.20
11	16.000	0.976	1021.49	1429.0	517.4	83.3	1.079	1.087	1.001	-0.172	1.085	-0.031	-0.048	-2.54	-1.63
12	16.333	0.977	1022.55	1429.7	518.1	83.5	1.109	1.110	1.000	-0.219	1.109	-0.037	-0.040	-2.07	-1.93
13	16.666	0.976	1021.91	1429.9	517.8	83.5	1.136	1.132	1.000	-0.263	1.131	-0.042	-0.030	-1.51	-2.13
14	17.000	0.975	1021.25	1429.3	517.4	83.4	1.167	1.157	0.999	-0.313	1.156	-0.044	-0.016	-0.81	-2.20
15	17.333	0.978	1023.72	1430.8	519.0	83.9	1.194	1.176	0.997	-0.352	1.175	-0.046	0.000	0.02	-2.27
16	17.666	0.978	1024.39	1430.2	519.2	83.8	1.190	1.172	0.995	-0.347	1.171	-0.059	0.003	0.14	-2.89
17	18.000	0.977	1023.11	1430.0	518.6	83.5	1.206	1.186	0.996	-0.372	1.184	-0.066	0.019	0.92	-3.20
18	18.333	0.977	1023.39	1430.9	518.9	83.8	1.203	1.183	0.993	-0.371	1.181	-0.066	0.020	0.97	-3.21
19	18.666	0.977	1023.24	1429.7	519.4	83.7	0.929	0.958	0.993	0.073	0.956	-0.043	-0.075	-1.50	-2.55
20	19.000	0.978	1024.42	1429.9	519.0	84.0	0.906	0.937	0.993	0.115	0.936	-0.040	-0.029	-1.77	-2.48

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1023	2.994	-2.00	60	7.00	-1.00	6-315	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	13.000	0.975	1021.70	1430.4	517.5	84.4	0.938	0.968	1.001	0.065	0.966	0.020	-0.051	-3.03	1.18
5	13.333	0.975	1021.78	1429.6	517.5	84.0	0.940	0.969	1.001	0.064	0.967	0.021	-0.053	-3.15	1.26
6	13.666	0.975	1021.68	1429.4	517.4	83.9	0.941	0.970	1.001	0.061	0.969	0.022	-0.056	-3.33	1.30
7	14.000	0.976	1022.44	1429.9	516.0	83.9	0.943	0.971	1.001	0.060	0.959	0.022	-0.061	-3.59	1.30
8	14.333	0.976	1022.62	1429.7	518.0	84.1	0.961	0.987	1.001	0.028	0.984	0.021	-0.067	-3.87	1.20
9	14.666	0.977	1023.23	1429.7	516.6	83.8	0.976	0.999	1.001	0.004	0.996	0.015	-0.074	-4.26	0.89
10	15.000	0.976	1021.75	1429.9	517.7	83.9	1.009	1.028	1.001	-0.056	1.025	0.002	-0.083	-4.61	0.13
11	15.333	0.977	1023.10	1429.3	518.0	84.1	1.065	1.074	1.001	-0.145	1.071	-0.020	-0.084	-4.47	-1.10
12	15.666	0.976	1022.55	1429.4	517.6	84.3	1.107	1.109	1.001	-0.216	1.106	-0.042	-0.071	-3.69	-2.19
13	16.000	0.977	1023.60	1430.4	516.7	84.1	1.141	1.135	0.999	-0.270	1.132	-0.056	-0.052	-2.61	-2.85
16	16.333	0.976	1022.01	1429.1	517.4	83.9	1.172	1.161	0.999	-0.320	1.159	-0.061	-0.032	-1.60	-3.00
17	16.666	0.977	1022.74	1429.7	518.1	83.7	1.201	1.182	0.997	-0.354	1.181	-0.060	-0.015	-0.73	-2.92
18	17.000	0.976	1021.06	1429.4	517.7	83.5	1.219	1.196	0.995	-0.394	1.194	-0.071	0.002	0.09	-3.42
19	17.333	0.975	1021.89	1429.8	517.6	84.0	1.224	1.201	0.992	-0.406	1.197	-0.091	0.022	1.05	-4.33
20	17.666	0.976	1022.05	1429.5	517.8	83.5	1.241	1.213	0.991	-0.430	1.208	-0.099	0.044	2.08	-4.69
21	18.000	0.977	1023.05	1429.9	518.4	83.7	1.234	1.207	0.987	-0.423	1.202	-0.104	0.042	2.01	-4.95
22	18.333	0.977	1023.62	1429.9	518.5	84.1	0.947	0.991	0.987	-0.001	0.988	-0.068	-0.021	-1.22	-3.91
23	18.666	0.978	1024.18	1429.3	516.5	84.2	0.912	0.942	0.991	0.101	0.940	-0.061	-0.023	-1.42	-3.69
24	19.000	0.978	1023.87	1430.7	519.0	83.9	0.909	0.940	0.993	0.109	0.938	-0.058	-0.023	-1.41	-3.56

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1024	3.001	-2.00	66	-4.00	-5.00	6-316	2- 8-77	

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
3	11.000	0.974	1020.50	1431.2	517.5	83.6	0.944	0.973	1.001	0.054	0.972	0.009	-0.051	-3.02	0.55
4	12.333	0.977	1023.50	1431.3	519.0	83.9	0.944	0.971	1.001	0.058	0.970	-0.006	-0.046	-2.72	-0.33
6	13.666	0.974	1021.32	1430.6	517.4	84.4	0.984	1.008	1.001	-0.015	1.007	-0.001	-0.045	-2.53	-0.07
7	15.000	0.978	1024.66	1430.7	519.4	83.9	1.010	1.027	1.001	-0.052	1.026	0.005	-0.036	-1.99	0.27
9	16.333	0.975	1021.36	1429.7	517.5	83.6	1.050	1.063	1.001	-0.124	1.063	0.010	-0.021	-1.13	0.56
10	17.666	0.976	1022.36	1429.9	518.1	83.6	1.104	1.106	1.000	-0.212	1.106	0.013	-0.002	-0.12	0.69
11	19.000	0.977	1023.79	1430.5	518.7	84.4	0.983	1.005	0.998	-0.012	1.005	0.009	-0.008	-0.46	0.56

TEST PART RE X10-6 ALFA WING Y Z WAKE SURVEY DATE AEDC PROPULSION WIND TUNNEL
TC-464 1025 2.000 -2.00 68 -4.00 -3.00 6-317 2- 8-77 TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UL/VW	VL/VW	WL/VW	AAL	BWL
1	11.000	0.974	1020.45	1431.5	517.9	83.9	0.934	0.965	1.001	0.071	0.964	-0.005	-0.046	-2.72	-0.32
2	12.333	0.977	1022.76	1431.0	518.7	83.6	0.941	0.969	1.001	0.063	0.968	-0.004	-0.053	-3.16	-0.24
3	13.666	0.979	1024.39	1430.9	519.6	83.4	0.995	1.014	1.001	-0.026	1.013	0.007	-0.049	-2.76	0.41
5	15.000	0.978	1023.89	1431.1	519.3	83.8	1.043	1.055	1.001	-0.108	1.055	0.020	-0.028	-1.54	1.06
6	16.333	0.979	1024.80	1431.5	518.9	83.7	1.112	1.110	1.000	-0.220	1.110	0.025	-0.004	-0.21	1.27
8	17.666	0.977	1022.92	1431.5	518.8	83.8	1.170	1.159	0.998	-0.318	1.158	0.026	0.028	1.38	1.28
9	19.000	0.978	1024.44	1430.5	519.1	84.2	0.914	0.944	0.997	0.105	0.944	0.014	-0.009	-0.57	0.85

TEST	PART	RE X10-6	ALPHA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1026	2.005	-2.00	6B	-4.00	-1.00	6	319	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	0.973	1018.47	1430.8	515.7	84.0	0.920	0.954	1.001	0.094	0.952	-0.017	-0.049	-2.96	-1.00
3	12.333	0.974	1020.41	1429.5	516.7	84.1	0.923	0.956	1.002	0.091	0.952	-0.021	-0.078	-4.70	-1.20
4	13.666	0.977	1023.75	1430.1	518.5	83.8	1.014	1.031	1.001	-0.061	1.028	0.027	-0.071	-3.94	1.50
5	15.000	0.978	1026.41	1429.5	518.9	83.8	1.081	1.086	1.000	-0.172	1.085	0.042	-0.026	-1.35	2.22
6	16.333	0.976	1027.97	1430.3	517.2	84.2	1.189	1.183	0.996	-0.360	1.181	0.047	0.039	1.88	2.27
7	17.666	0.978	1028.05	1429.8	519.2	84.1	1.186	1.168	0.992	-0.344	1.167	0.024	0.042	2.06	1.18
10	18.000	0.973	1020.39	1428.7	516.2	84.0	0.907	0.942	0.997	0.112	0.941	0.018	-0.001	-0.08	1.11

TEST	PART	RATIO-B	ALPH	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1027	2.994	-2.00	68	-7.00	-5.00	6-319	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	13.466	0.980	1026.04	1429.3	519.3	84.6	0.941	0.967	1.000	0.047	0.966	-0.006	-0.044	-2.58	-0.30
8	15.000	0.979	1021.73	1427.9	516.6	84.4	0.994	1.016	1.001	-0.031	1.016	-0.001	-0.037	-2.09	-0.08
9	16.333	0.976	1022.14	1428.4	517.4	83.6	1.026	1.042	1.001	-0.083	1.042	0.009	-0.028	-1.56	0.52
10	17.666	0.979	1025.70	1427.2	518.4	84.6	1.084	1.087	1.000	-0.174	1.087	0.018	-0.013	-0.68	0.95
12	19.000	0.975	1022.04	1428.3	516.9	84.5	0.993	1.016	0.999	-0.033	1.015	0.019	-0.010	-0.58	1.06

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1020	2.992	-2.00	6A	-7.00	-3.00	6-320	2- 8-77	TRANSONIC 4T

POINT	X	Y	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	13.665	0.077	1023.53	1428.3	517.8	84.3	0.967	0.991	1.001	0.019	0.990	-0.009	-0.045	-2.63	-0.50
4	15.000	0.073	1019.51	1429.4	516.3	83.7	1.007	1.029	1.001	-0.056	1.028	0.004	-0.047	-2.61	0.75
5	16.333	0.077	1023.05	1428.8	518.0	83.6	1.073	1.081	1.001	-0.160	1.080	0.025	-0.031	-1.65	1.34
8	17.466	0.078	1023.62	1429.5	518.5	83.7	1.169	1.156	0.999	-0.312	1.156	0.037	0.004	0.22	1.85
9	19.000	0.076	1020.70	1428.7	516.6	83.9	0.910	0.944	0.997	0.107	0.943	0.031	-0.020	-1.22	1.06

TEST	PART	REYIP-A	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1029	3.004	-2.00	68	-7.00	-1.00	6-321	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPT	UL/VM	VL/VM	WL/VM	AAL	BWL
3	13.666	0.974	1021.59	1431.3	518.3	83.3	0.941	0.969	1.001	0.063	0.968	-0.024	-0.048	-2.81	-1.44
4	15.000	0.977	1022.36	1430.8	519.5	83.6	1.010	1.029	1.001	-0.054	1.025	-0.004	-0.076	-4.21	-0.23
5	16.333	0.976	1022.33	1431.5	518.5	83.9	1.190	1.166	0.998	-0.333	1.164	0.062	-0.022	-1.10	3.05
6	17.666	0.974	1020.93	1432.7	518.0	83.8	1.229	1.206	0.991	-0.416	1.201	0.098	0.042	2.03	4.68
7	19.000	0.975	1021.10	1432.3	518.4	83.4	0.907	0.941	0.993	0.107	0.939	0.054	-0.016	-0.97	3.31

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY				DATE			AEDC PROPULSION WIND TUNNEL
TC-404	1031	3.019	-2.00	68	0.00	-14.14	7-601				2- 8-77			TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
12	-6.000	0.978	1023.72	1438.8	522.0	83.7	0.969	0.992	1.001	0.017	0.992	0.002	0.006	0.37	0.11
13	-5.500	0.976	1022.42	1438.6	521.1	84.0	0.967	0.992	1.001	0.018	0.992	0.002	0.006	0.34	0.11
14	-5.000	0.976	1021.69	1438.1	520.8	83.4	0.965	0.990	1.001	0.021	0.990	0.002	0.006	0.35	0.11
15	-4.500	0.976	1021.95	1438.8	521.0	83.8	0.964	0.990	1.001	0.022	0.990	0.002	0.006	0.35	0.11
16	-4.000	0.975	1021.85	1439.0	521.2	84.0	0.961	0.987	1.000	0.026	0.987	0.002	0.006	0.34	0.12
17	-3.500	0.974	1020.62	1438.9	520.3	83.9	0.961	0.988	1.001	0.024	0.988	0.002	0.005	0.31	0.11
18	-3.000	0.973	1019.22	1437.4	519.0	83.9	0.959	0.988	1.002	0.026	0.988	0.002	0.005	0.30	0.10
19	-2.500	0.973	1019.67	1438.4	519.7	83.7	0.958	0.987	1.001	0.028	0.987	0.002	0.005	0.30	0.09
20	-2.000	0.973	1019.17	1439.1	519.7	83.6	0.958	0.987	1.001	0.027	0.987	0.002	0.004	0.26	0.09
21	-1.500	0.972	1018.29	1438.2	518.9	83.6	0.944	0.975	1.001	0.051	0.975	0.002	0.004	0.25	0.11
22	-1.000	0.972	1018.35	1437.4	518.6	83.6	0.943	0.975	1.001	0.051	0.975	0.002	0.003	0.20	0.10
23	-0.500	0.974	1020.67	1437.9	519.9	84.0	0.943	0.973	1.001	0.055	0.973	0.002	0.003	0.19	0.10
24	0.000	0.974	1020.17	1437.5	519.7	83.6	0.944	0.974	1.001	0.054	0.974	0.001	0.002	0.13	0.08
25	0.500	0.973	1020.01	1438.5	519.7	84.0	0.944	0.975	1.001	0.052	0.975	0.002	0.001	0.07	0.10
26	1.000	0.972	1018.70	1437.5	518.9	83.6	0.943	0.974	1.001	0.053	0.974	0.002	0.001	0.05	0.10
27	1.500	0.973	1018.69	1437.5	518.8	83.9	0.943	0.975	1.001	0.052	0.975	0.002	-0.000	-0.01	0.11
28	2.000	0.972	1018.69	1437.5	518.9	83.8	0.944	0.975	1.001	0.051	0.975	0.001	-0.001	-0.05	0.08
29	2.500	0.971	1017.96	1437.8	518.4	83.9	0.944	0.977	1.001	0.048	0.977	0.001	-0.002	-0.10	0.08
30	3.000	0.974	1020.84	1437.7	519.7	84.4	0.960	0.988	1.001	0.025	0.988	0.002	-0.002	-0.13	0.09
31	3.500	0.973	1019.87	1436.6	519.1	83.8	0.961	0.990	1.002	0.024	0.990	0.001	-0.003	-0.15	0.08
32	4.000	0.972	1018.95	1437.1	518.7	84.0	0.962	0.991	1.001	0.019	0.991	0.002	-0.003	-0.16	0.09
33	4.500	0.973	1019.27	1437.3	519.0	83.8	0.964	0.993	1.001	0.016	0.993	0.002	-0.003	-0.19	0.09
34	5.000	0.973	1019.92	1437.8	519.4	84.1	0.967	0.995	1.001	0.011	0.995	0.002	-0.003	-0.19	0.10
35	5.500	0.972	1018.91	1437.4	518.8	83.8	0.968	0.997	1.001	0.008	0.997	0.002	-0.003	-0.19	0.09
36	6.000	0.973	1019.78	1436.3	518.9	84.1	0.973	1.000	1.002	0.003	1.000	0.002	-0.003	-0.15	0.09
37	6.500	0.974	1020.53	1437.5	519.6	84.0	0.974	1.000	1.001	0.002	1.000	0.001	-0.002	-0.13	0.08
38	7.000	0.973	1020.19	1436.7	519.1	84.2	0.975	1.002	1.001	-0.001	1.002	0.002	-0.002	-0.09	0.09
39	7.500	0.974	1020.40	1436.9	519.3	84.2	0.977	1.003	1.001	-0.005	1.003	0.002	-0.000	-0.00	0.10
40	8.000	0.974	1020.51	1437.8	519.8	83.8	0.975	1.001	1.001	0.000	1.001	0.002	0.001	0.04	0.10
41	8.500	0.974	1020.87	1437.4	519.9	84.0	0.972	0.996	1.001	0.005	0.998	0.002	0.001	0.07	0.11
42	9.000	0.975	1021.42	1436.6	519.8	84.0	0.969	0.995	1.001	0.013	0.995	0.001	0.001	0.08	0.09
43	9.500	0.975	1021.71	1437.5	520.3	84.0	0.965	0.991	1.001	0.018	0.991	0.002	0.001	0.07	0.10
44	10.000	0.975	1021.41	1437.3	520.1	83.9	0.962	0.989	1.001	0.023	0.989	0.001	0.001	0.06	0.08
45	10.500	0.974	1020.09	1436.1	519.1	83.6	0.963	0.990	1.002	0.022	0.990	0.001	0.001	0.06	0.08
46	11.000	0.975	1021.28	1435.6	519.5	83.8	0.960	0.987	1.002	0.028	0.987	0.001	0.001	0.04	0.08
47	11.500	0.975	1022.17	1437.4	520.7	83.5	0.961	0.987	1.001	0.027	0.987	0.001	0.000	0.03	0.07
48	12.000	0.977	1022.88	1436.9	520.9	83.6	0.963	0.988	1.001	0.025	0.988	0.001	0.000	0.02	0.08
49	12.500	0.978	1024.16	1438.4	521.9	84.0	0.964	0.988	1.000	0.024	0.988	0.002	0.000	0.01	0.09
50	13.000	0.979	1024.97	1436.8	521.8	84.0	0.967	0.989	1.001	0.023	0.989	0.001	0.000	0.00	0.08
51	13.500	0.977	1022.58	1436.9	520.7	83.7	0.968	0.992	1.001	0.017	0.992	0.001	0.001	0.03	0.08
52	14.000	0.974	1020.15	1437.5	519.5	83.8	0.969	0.996	1.001	0.009	0.996	0.001	0.001	0.06	0.08
53	14.500	0.975	1021.65	1436.3	519.8	84.0	0.970	0.995	1.001	0.011	0.995	0.001	0.002	0.10	0.08
54	15.000	0.978	1024.51	1436.8	521.8	83.4	0.974	0.995	1.001	0.010	0.995	0.001	0.002	0.13	0.08
55	15.500	0.976	1022.46	1436.5	520.4	83.8	0.978	1.001	1.001	-0.001	1.001	0.001	0.004	0.22	0.08

TEST	PART	RNX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1031	3.019	-2.00	68	0.00	-14.14	7-601	2- 8-77	TRANSONIC 4T

POINT	XP	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BATL
58	16.000	0.978	1024.87	1436.0	521.2	84.3	0.981	1.002	1.001	-0.002	1.002	0.001	0.005	0.28	0.08
59	16.500	0.978	1024.23	1438.0	521.7	84.2	0.984	1.006	1.000	-0.011	1.006	0.001	0.006	0.36	0.08
60	17.000	0.976	1022.15	1436.5	520.2	84.0	0.987	1.010	1.001	-0.017	1.010	0.002	0.009	0.49	0.10
61	17.500	0.977	1022.65	1435.5	520.5	83.9	0.989	1.011	1.001	-0.019	1.010	0.002	0.010	0.59	0.10
62	18.000	0.976	1022.40	1434.2	520.4	83.6	0.993	1.014	1.001	-0.027	1.014	0.002	0.013	0.74	0.09
63	18.500	0.977	1023.20	1435.7	520.4	84.0	0.998	1.018	1.001	-0.034	1.018	0.002	0.016	0.87	0.10
65	19.000	0.978	1023.43	1436.1	520.8	83.7	1.001	1.020	1.001	-0.038	1.020	0.002	0.018	1.03	0.11
66	19.500	0.978	1023.75	1436.9	521.1	84.0	1.003	1.027	1.001	-0.042	1.022	0.002	0.022	1.21	0.09
67	20.000	0.977	1023.42	1436.3	520.8	84.0	0.995	1.015	1.001	-0.029	1.015	0.001	0.023	1.31	0.08
68	20.500	0.977	1022.94	1437.2	520.9	83.8	0.965	0.990	1.001	0.021	0.990	0.001	0.021	1.23	0.08
69	21.000	0.974	1020.48	1435.6	519.9	84.0	0.944	0.974	1.001	0.054	0.974	0.001	0.018	1.09	0.08
70	21.500	0.975	1021.02	1436.2	519.5	83.8	0.944	0.973	1.001	0.056	0.973	0.001	0.017	1.01	0.06
71	22.000	0.978	1023.56	1437.8	521.5	83.7	0.959	0.984	1.000	0.032	0.984	0.001	0.017	0.97	0.08
72	22.500	0.976	1021.68	1437.4	520.5	83.4	0.960	0.986	1.001	0.029	0.986	0.001	0.016	0.92	0.08
73	23.000	0.977	1022.67	1428.5	520.7	83.5	0.962	0.987	1.001	0.028	0.987	0.001	0.015	0.89	0.07
74	23.500	0.978	1023.82	1437.9	521.8	83.4	0.963	0.987	1.000	0.027	0.987	0.001	0.015	0.87	0.08
75	24.000	0.979	1024.34	1437.6	522.0	83.5	0.965	0.988	1.001	0.025	0.988	0.001	0.015	0.87	0.07

TEST	PART	RE X 10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1032	3.009	-2.00	68	10.00	-10.00	7-602	2- 8-77	

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
4	-6.000	0.973	1019.34	1437.3	518.9	84.0	0.967	0.996	1.002	0.011	0.996	0.002	0.006	0.37	0.14
5	-5.500	0.972	1019.80	1437.2	518.6	84.1	0.963	0.992	1.001	0.018	0.992	0.002	-0.000	-0.00	0.11
6	-5.000	0.971	1018.35	1436.2	519.0	84.0	0.940	0.990	1.002	0.023	0.990	0.002	0.000	0.00	0.10
7	-4.500	0.972	1019.45	1437.1	518.6	83.9	0.951	0.991	1.002	0.021	0.991	0.002	-0.000	-0.03	0.13
8	-4.000	0.972	1018.17	1437.1	518.4	83.7	0.958	0.989	1.001	0.025	0.989	0.002	-0.000	-0.02	0.11
9	-3.500	0.973	1019.78	1438.1	519.5	84.0	0.960	0.989	1.001	0.024	0.989	0.002	-0.000	-0.02	0.12
10	-3.000	0.972	1019.26	1437.7	519.0	84.0	0.944	0.976	1.001	0.051	0.976	0.002	-0.000	-0.03	0.15
11	-2.500	0.971	1018.77	1437.2	518.3	84.6	0.945	0.977	1.002	0.049	0.977	0.003	-0.001	-0.04	0.15
12	-2.000	0.973	1021.07	1438.3	519.7	85.0	0.944	0.974	1.001	0.052	0.974	0.003	-0.001	-0.08	0.16
13	-1.500	0.974	1019.81	1437.4	519.5	83.5	0.944	0.975	1.001	0.053	0.975	0.003	-0.001	-0.08	0.16
14	-1.000	0.973	1019.47	1437.3	519.4	83.3	0.943	0.974	1.001	0.053	0.974	0.003	-0.002	-0.11	0.20
15	-0.500	0.973	1020.19	1436.9	519.0	84.4	0.944	0.975	1.002	0.053	0.975	0.004	-0.002	-0.14	0.21
16	0.000	0.973	1019.27	1436.6	518.7	83.8	0.943	0.974	1.002	0.054	0.974	0.004	-0.003	-0.16	0.23
17	0.500	0.972	1018.94	1437.1	518.7	83.9	0.942	0.974	1.001	0.054	0.974	0.004	-0.003	-0.19	0.26
18	1.000	0.971	1017.80	1437.3	518.4	83.6	0.943	0.975	1.002	0.052	0.975	0.005	-0.004	-0.22	0.28
19	1.500	0.972	1018.29	1436.8	518.3	83.8	0.942	0.974	1.001	0.053	0.974	0.005	-0.004	-0.24	0.30
20	2.000	0.974	1020.16	1437.7	519.6	83.9	0.944	0.974	1.001	0.053	0.974	0.006	-0.005	-0.28	0.34
21	2.500	0.973	1020.01	1436.9	519.2	84.0	0.945	0.975	1.002	0.052	0.975	0.006	-0.005	-0.30	0.33
22	3.000	0.972	1019.24	1437.3	518.9	84.0	0.959	0.988	1.001	0.025	0.988	0.006	-0.006	-0.32	0.35
23	3.500	0.974	1020.49	1436.7	519.3	84.0	0.960	0.988	1.001	0.026	0.988	0.006	-0.006	-0.35	0.37
24	4.000	0.974	1020.38	1438.5	519.8	84.1	0.962	0.990	1.001	0.021	0.990	0.006	-0.006	-0.33	0.37
25	4.500	0.973	1019.80	1437.6	519.2	84.3	0.965	0.993	1.001	0.016	0.993	0.007	-0.006	-0.34	0.39
26	5.000	0.972	1019.57	1437.7	518.8	84.8	0.965	0.994	1.001	0.013	0.994	0.006	-0.006	-0.36	0.36
27	5.500	0.974	1020.84	1437.7	519.9	84.0	0.969	0.995	1.001	0.011	0.995	0.006	-0.006	-0.35	0.35
28	6.000	0.974	1020.35	1437.7	519.7	83.9	0.971	0.998	1.001	0.006	0.998	0.006	-0.006	-0.34	0.36
29	6.500	0.973	1020.86	1436.9	519.2	84.9	0.972	0.999	1.001	0.005	0.998	0.005	-0.006	-0.34	0.30
30	7.000	0.973	1020.37	1437.6	519.4	84.4	0.974	1.000	1.001	0.001	1.000	0.005	-0.005	-0.30	0.28
31	7.500	0.974	1020.33	1438.4	519.9	84.0	0.974	1.001	1.001	-0.000	1.001	0.004	-0.005	-0.26	0.21
32	8.000	0.974	1020.46	1437.9	519.9	83.8	0.972	0.998	1.001	0.005	0.998	0.004	-0.004	-0.24	0.21
33	8.500	0.973	1019.45	1437.1	519.1	83.6	0.971	0.998	1.001	0.005	0.998	0.003	-0.004	-0.23	0.18
34	9.000	0.973	1019.99	1437.4	519.3	84.0	0.968	0.995	1.002	0.012	0.995	0.003	-0.004	-0.24	0.16
35	9.500	0.974	1020.76	1437.6	519.6	84.5	0.965	0.993	1.001	0.016	0.993	0.003	-0.004	-0.24	0.17
36	10.000	0.974	1021.17	1437.7	519.9	84.3	0.964	0.991	1.001	0.019	0.991	0.003	-0.004	-0.25	0.18
37	10.500	0.974	1020.58	1437.8	519.8	83.9	0.961	0.989	1.001	0.024	0.989	0.003	-0.004	-0.26	0.19
38	11.000	0.974	1020.70	1437.6	519.9	83.7	0.959	0.987	1.001	0.028	0.987	0.003	-0.005	-0.30	0.20
39	11.500	0.975	1021.95	1437.6	520.3	84.3	0.961	0.988	1.001	0.026	0.988	0.004	-0.005	-0.29	0.22
40	12.000	0.976	1022.14	1437.2	520.4	84.0	0.962	0.988	1.002	0.027	0.988	0.004	-0.005	-0.31	0.23
41	12.500	0.976	1022.74	1437.4	520.8	84.0	0.962	0.988	1.001	0.026	0.988	0.004	-0.006	-0.33	0.23
42	13.000	0.977	1023.58	1437.5	521.3	84.0	0.964	0.989	1.001	0.024	0.989	0.004	-0.006	-0.33	0.23
43	13.500	0.978	1024.80	1439.1	522.2	84.0	0.967	0.990	1.001	0.022	0.990	0.004	-0.006	-0.33	0.23
45	14.000	0.976	1022.31	1437.5	520.6	84.0	0.967	0.993	1.001	0.017	0.993	0.004	-0.006	-0.34	0.22
46	14.500	0.978	1024.28	1437.2	521.3	84.5	0.971	0.995	1.001	0.013	0.995	0.003	-0.006	-0.34	0.18
49	15.000	0.976	1022.43	1436.8	520.5	83.8	0.974	0.998	1.001	0.006	0.998	0.003	-0.005	-0.31	0.16
50	15.500	0.977	1023.27	1436.9	521.0	83.8	0.975	0.998	1.001	0.006	0.998	0.002	-0.005	-0.27	0.10

TEST	PART	RF710-A	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1039	3.009	-7.00	68	10.00	-10.00	7-602	2- 8-77	

POINT	XP	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	ANTL
51	16.000	0.978	1023.97	1438.3	521.7	84.0	0.981	1.003	1.001	-0.004	1.003	0.001	-0.004	-0.23	0.05
52	16.500	0.977	1022.34	1437.7	521.0	83.4	0.983	1.006	1.001	-0.010	1.006	-0.000	-0.003	-0.15	-0.02
53	17.000	0.977	1021.02	1437.3	520.8	84.0	0.989	1.010	1.001	-0.018	1.010	-0.001	-0.001	-0.07	-0.07
56	17.500	0.976	1021.98	1436.9	520.3	83.8	0.994	1.015	1.001	-0.028	1.015	-0.003	0.001	0.04	-0.15
57	18.000	0.977	1023.40	1437.7	521.2	84.1	0.998	1.018	1.001	-0.035	1.018	-0.005	0.003	0.17	-0.26
58	18.500	0.976	1022.37	1436.5	520.4	83.7	1.004	1.023	1.002	-0.044	1.023	-0.006	0.006	0.33	-0.34
59	19.000	0.977	1023.27	1437.3	521.0	84.1	1.012	1.030	1.001	-0.059	1.030	-0.008	0.009	0.52	-0.46
60	19.500	0.977	1023.24	1436.3	520.8	83.7	1.018	1.034	1.002	-0.066	1.034	-0.011	0.013	0.72	-0.60
61	20.000	0.978	1024.19	1436.7	521.3	84.0	0.974	0.987	1.001	0.008	0.987	-0.011	0.012	0.69	-0.62
62	20.500	0.976	1024.08	1437.7	521.6	84.0	0.942	0.969	1.001	0.063	0.969	-0.010	0.010	0.57	-0.59
63	21.000	0.977	1023.60	1437.9	521.5	83.9	0.942	0.969	1.001	0.063	0.969	-0.009	0.007	0.42	-0.51
64	21.500	0.978	1023.83	1437.2	521.5	83.6	0.941	0.968	1.001	0.065	0.968	-0.008	0.007	0.40	-0.47
65	22.000	0.976	1022.28	1438.0	520.8	84.0	0.943	0.972	1.001	0.058	0.972	-0.007	0.005	0.31	-0.41
66	22.500	0.979	1023.52	1437.0	521.2	83.8	0.944	0.971	1.001	0.060	0.971	-0.007	0.005	0.29	-0.40
67	23.000	0.978	1025.39	1437.7	522.1	84.0	0.959	0.983	1.001	0.036	0.983	-0.006	0.005	0.27	-0.37
68	23.500	0.974	1020.85	1437.0	519.6	84.0	0.962	0.989	1.002	0.024	0.989	-0.006	0.004	0.25	-0.37
69	24.000	0.976	1022.95	1438.0	521.0	84.3	0.964	0.989	1.001	0.023	0.989	-0.006	0.004	0.23	-0.35

TEST	PART	REX10-6	ALFA	WING	YT	ZT	PWM SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1033	3.000	-2.00	68	-10.00	-10.00	9-603	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BATL
6	-6.000	0.980	1027.31	1435.4	521.7	85.6	0.966	0.988	1.001	0.026	0.989	0.001	0.005	0.27	0.08
7	-4.000	0.975	1023.11	1433.7	518.6	86.0	0.964	0.991	1.002	0.021	0.991	0.001	0.004	0.26	0.07
8	-2.000	0.972	1019.86	1428.2	515.4	85.1	0.963	0.975	1.001	0.052	0.975	-0.000	0.004	0.21	-0.00
9	0.000	0.973	1020.71	1421.6	513.4	85.1	0.962	0.973	1.002	0.057	0.973	-0.001	0.002	0.12	-0.09
10	2.000	0.977	1024.48	1417.4	513.7	85.5	0.965	0.972	1.002	0.059	0.972	-0.004	0.000	0.00	-0.21
11	4.000	0.976	1023.67	1452.4	525.9	85.7	0.969	0.994	1.001	0.016	0.994	-0.005	-0.001	-0.08	-0.26
14	6.000	0.976	1022.91	1447.7	523.3	85.7	0.977	1.003	1.001	-0.005	1.003	-0.004	-0.002	-0.10	-0.20
15	8.000	0.971	1020.17	1450.3	523.1	86.0	0.972	1.001	1.001	-0.000	1.001	-0.001	0.000	0.01	-0.06
16	10.000	0.977	1024.80	1454.9	527.4	85.7	0.967	0.991	1.001	0.018	0.991	-0.001	0.000	0.01	-0.05
17	12.000	0.979	1027.12	1455.8	528.9	85.9	0.965	0.987	1.001	0.027	0.987	-0.002	-0.001	-0.05	-0.09
23	14.000	0.974	1023.59	1454.1	526.4	85.8	0.967	0.992	1.001	0.017	0.992	-0.001	-0.002	-0.10	-0.07
26	16.000	0.977	1024.91	1454.4	527.1	86.0	0.982	1.004	1.001	-0.007	1.004	0.001	0.000	0.00	0.08
29	18.000	0.977	1020.91	1453.3	526.8	85.8	1.001	1.021	1.001	-0.040	1.021	0.008	0.006	0.36	0.43
32	20.000	0.973	1021.73	1450.3	523.9	86.1	0.959	0.988	1.002	0.027	0.988	0.012	0.014	0.81	0.72
35	22.000	0.974	1022.39	1450.1	524.0	86.2	0.963	0.974	1.001	0.054	0.974	0.009	0.009	0.51	0.55
37	24.000	0.975	1023.30	1448.3	524.0	86.0	0.963	0.990	1.001	0.023	0.990	0.008	0.008	0.44	0.49

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-486	1062	3.000	-5.00	68	0.00	-5.00	4-301	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
8	9.000	0.974	1015.22	1413.5	510.9	78.4	0.944	0.974	1.001	0.054	0.970	-0.003	-0.082	-4.84	-0.17
9	9.666	0.977	1018.20	1414.6	512.8	78.6	0.942	0.969	1.000	0.062	0.966	-0.003	-0.093	-4.93	-0.16
10	10.333	0.976	1019.10	1412.6	512.5	78.7	0.942	0.969	1.000	0.063	0.965	-0.003	-0.086	-5.06	-0.16
11	11.000	0.979	1020.06	1414.0	513.5	78.7	0.959	0.983	1.000	0.035	0.979	-0.003	-0.087	-5.08	-0.15
12	11.666	0.978	1019.20	1413.5	513.0	78.4	0.973	0.995	1.001	0.011	0.991	-0.002	-0.087	-5.01	-0.14
13	12.333	0.976	1016.79	1412.7	511.6	78.2	0.988	1.011	1.001	-0.020	1.007	-0.003	-0.084	-4.77	-0.15
14	13.000	0.978	1018.86	1410.5	511.8	78.4	1.005	1.023	1.001	-0.045	1.020	-0.002	-0.078	-4.39	-0.12
20	13.666	0.978	1017.21	1413.1	509.2	78.5	1.023	1.045	1.001	-0.088	1.043	-0.002	-0.070	-3.84	-0.11
21	14.333	0.978	1018.69	1413.1	512.6	78.4	1.044	1.056	1.001	-0.111	1.054	-0.002	-0.062	-3.39	-0.09
23	15.000	0.976	1017.13	1411.9	511.3	78.5	1.069	1.078	1.001	-0.155	1.076	-0.002	-0.055	-2.90	-0.08
25	15.666	0.977	1017.91	1411.3	511.6	78.3	1.092	1.096	1.001	-0.191	1.095	-0.002	-0.046	-2.42	-0.08
27	16.333	0.977	1018.17	1412.0	511.8	78.8	1.116	1.116	1.000	-0.231	1.115	-0.001	-0.037	-1.89	-0.05
28	17.000	0.977	1018.35	1414.7	512.9	78.7	1.136	1.131	0.999	-0.263	1.131	-0.001	-0.028	-1.41	-0.04
29	17.666	0.978	1018.82	1415.2	513.3	78.8	1.158	1.148	0.998	-0.296	1.148	-0.001	-0.018	-0.88	-0.03
30	18.333	0.976	1017.19	1413.1	511.8	78.4	1.177	1.164	0.997	-0.330	1.164	0.000	-0.008	-0.40	0.01
31	19.000	0.979	1018.52	1411.9	512.6	78.5	1.192	1.173	0.996	-0.347	1.173	0.001	0.002	0.09	0.05

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1066	3.004	-5.00	60	0.00	-3.00	6-305	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	9.000	0.978	1018.95	1414.9	513.2	78.8	0.979	1.001	1.000	-0.002	0.996	0.001	-0.105	-6.00	0.04
3	9.333	0.977	1018.36	1414.0	512.6	78.8	0.936	0.964	1.001	0.072	0.962	-0.000	-0.070	-4.17	-0.00
4	9.666	0.978	1019.41	1415.0	513.5	78.8	0.935	0.962	1.000	0.075	0.960	0.000	-0.072	-4.28	0.01
5	10.000	0.976	1017.20	1414.6	512.2	78.9	0.934	0.964	1.000	0.073	0.961	0.000	-0.074	-4.39	0.00
6	10.333	0.976	1017.31	1414.8	512.3	78.8	0.934	0.963	1.000	0.073	0.960	0.000	-0.076	-4.50	0.01
7	10.666	0.976	1017.69	1413.5	512.1	78.8	0.936	0.965	1.000	0.070	0.962	0.000	-0.077	-4.55	0.01
8	11.000	0.977	1018.24	1413.7	512.3	78.6	0.939	0.967	1.001	0.047	0.964	0.000	-0.077	-4.58	0.02
9	11.333	0.978	1018.64	1412.3	512.2	78.6	0.944	0.971	1.001	0.059	0.968	0.000	-0.076	-4.51	0.01
10	11.666	0.979	1020.23	1412.1	513.0	78.5	0.973	0.994	1.000	0.012	0.991	0.000	-0.075	-4.30	0.01
12	12.000	0.977	1017.98	1413.1	512.7	78.6	0.987	1.009	1.000	-0.018	1.007	0.000	-0.072	-4.08	0.02
13	12.333	0.976	1015.98	1413.1	511.0	78.8	1.001	1.023	1.000	-0.045	1.021	0.000	-0.068	-3.84	0.02
14	12.666	0.974	1016.15	1413.8	511.3	78.9	1.014	1.034	1.000	-0.060	1.032	0.000	-0.064	-3.56	0.02
15	13.000	0.973	1015.27	1415.8	511.6	78.8	1.024	1.043	1.000	-0.086	1.041	0.001	-0.060	-3.30	0.03
16	13.333	0.974	1015.83	1415.7	511.7	78.9	1.031	1.049	1.000	-0.097	1.047	0.001	-0.055	-3.02	0.04
17	13.666	0.975	1017.00	1413.9	511.7	78.8	1.045	1.059	1.000	-0.110	1.058	0.001	-0.051	-2.76	0.06
18	14.000	0.978	1018.90	1414.6	513.1	78.7	1.065	1.073	1.000	-0.146	1.072	0.001	-0.046	-2.43	0.07
19	14.333	0.979	1019.76	1413.1	513.0	78.8	1.081	1.086	1.000	-0.171	1.085	0.001	-0.041	-2.14	0.06
20	14.666	0.976	1017.81	1413.9	512.3	78.8	1.098	1.101	0.999	-0.203	1.101	0.001	-0.036	-1.86	0.07
21	15.000	0.978	1018.94	1413.2	511.6	78.6	1.110	1.112	0.999	-0.225	1.112	0.001	-0.031	-1.57	0.06
22	15.333	0.977	1018.21	1412.6	512.1	78.6	1.125	1.123	0.999	-0.246	1.122	0.002	-0.026	-1.31	0.08
23	15.666	0.980	1020.88	1413.5	513.7	78.8	1.139	1.131	0.998	-0.263	1.131	0.002	-0.021	-1.06	0.08
24	16.000	0.976	1017.79	1414.7	512.4	78.8	1.150	1.143	0.997	-0.288	1.143	0.003	-0.016	-0.79	0.14
25	16.333	0.978	1019.18	1416.4	513.9	78.8	1.163	1.151	0.997	-0.305	1.151	0.002	-0.011	-0.55	0.12
26	16.666	0.975	1016.95	1413.8	511.7	79.0	1.173	1.162	0.997	-0.326	1.162	0.002	-0.005	-0.27	0.11
27	17.000	0.978	1019.76	1414.7	513.5	78.9	1.184	1.167	0.996	-0.337	1.167	0.003	-0.001	-0.04	0.14
28	17.333	0.976	1017.34	1415.6	512.6	78.9	1.190	1.174	0.995	-0.352	1.174	0.003	0.003	0.16	0.12
29	17.666	0.977	1018.68	1415.3	513.3	78.7	1.200	1.180	0.995	-0.364	1.180	0.004	0.009	0.44	0.18
30	18.000	0.975	1017.41	1414.8	512.4	78.8	1.205	1.186	0.993	-0.376	1.186	0.004	0.013	0.61	0.22
31	18.333	0.978	1019.00	1413.9	512.8	78.9	1.210	1.188	0.993	-0.381	1.188	0.005	0.017	0.82	0.22
32	18.666	0.976	1017.31	1414.8	512.3	78.8	1.164	1.155	0.992	-0.317	1.155	0.005	-0.010	-0.51	0.24
33	19.000	0.978	1018.02	1413.0	512.6	78.7	0.940	0.968	0.992	0.052	0.967	0.002	-0.033	-1.93	0.13

TEST	PART	RFX10-6	ALFA	WING	Y	Z	BMW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1067	2.999	-5.00	68	0.00	-2.00	6-306	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	9.000	0.972	1013.95	1415.2	510.7	78.8	0.944	0.976	1.001	0.050	0.975	0.003	-0.045	-2.62	0.17
5	9.333	0.973	1015.15	1415.4	511.4	78.8	0.938	0.969	1.000	0.062	0.968	0.003	-0.044	-2.62	0.15
6	9.666	0.974	1016.14	1413.6	511.2	79.0	0.936	0.966	1.001	0.068	0.965	0.002	-0.045	-2.66	0.14
7	10.000	0.975	1016.90	1414.6	512.0	78.9	0.934	0.964	1.000	0.072	0.963	0.003	-0.045	-2.70	0.17
8	10.333	0.976	1017.47	1414.4	512.1	79.1	0.935	0.965	1.001	0.073	0.964	0.003	-0.045	-2.70	0.18
9	10.666	0.977	1018.30	1415.0	512.8	79.0	0.939	0.967	1.001	0.067	0.966	0.003	-0.045	-2.67	0.19
10	11.000	0.978	1019.37	1415.3	513.5	78.9	0.960	0.985	1.001	0.032	0.984	0.003	-0.044	-2.56	0.18
11	11.333	0.975	1017.21	1415.0	512.2	79.0	0.984	1.007	1.001	-0.013	1.006	0.003	-0.043	-2.43	0.17
12	11.666	0.977	1018.40	1415.0	512.9	79.0	1.007	1.026	1.001	-0.050	1.025	0.003	-0.040	-2.25	0.17
13	12.000	0.978	1019.13	1415.6	513.5	79.0	1.027	1.042	1.001	-0.082	1.041	0.003	-0.037	-2.05	0.15
14	12.333	0.978	1019.59	1415.0	513.4	79.1	1.044	1.055	1.001	-0.109	1.055	0.003	-0.033	-1.81	0.15
15	12.666	0.976	1017.65	1414.9	512.4	79.0	1.059	1.070	1.001	-0.138	1.069	0.003	-0.030	-1.62	0.15
16	13.000	0.977	1018.65	1414.7	513.0	78.8	1.071	1.079	1.001	-0.156	1.078	0.003	-0.027	-1.41	0.17
17	13.333	0.978	1019.47	1413.3	512.9	78.8	1.086	1.090	1.001	-0.178	1.089	0.003	-0.024	-1.26	0.17
18	13.666	0.977	1018.74	1414.7	513.0	78.9	1.096	1.099	1.001	-0.197	1.099	0.004	-0.022	-1.15	0.19
19	14.000	0.976	1017.79	1415.7	512.6	79.0	1.104	1.107	1.001	-0.212	1.107	0.004	-0.020	-1.02	0.13
20	14.333	0.976	1017.97	1414.4	512.4	79.1	1.112	1.113	1.001	-0.223	1.112	0.003	-0.018	-0.92	0.15
21	14.666	0.976	1017.97	1414.4	512.4	79.1	1.119	1.118	1.001	-0.235	1.118	0.003	-0.016	-0.81	0.16
22	15.000	0.977	1018.51	1415.2	513.0	79.0	1.125	1.123	1.000	-0.245	1.123	0.003	-0.014	-0.69	0.15
23	15.333	0.979	1019.99	1415.0	513.7	79.1	1.131	1.126	1.000	-0.252	1.126	0.003	-0.012	-0.61	0.16
24	15.666	0.976	1017.85	1414.7	512.6	78.8	1.138	1.134	0.999	-0.267	1.133	0.004	-0.010	-0.52	0.20
25	16.000	0.975	1016.25	1413.4	511.3	78.7	1.143	1.139	0.999	-0.278	1.139	0.004	-0.009	-0.45	0.19
26	16.333	0.976	1017.81	1411.9	511.5	78.8	1.150	1.143	0.998	-0.287	1.143	0.004	-0.008	-0.39	0.21
27	16.666	0.978	1019.38	1414.6	513.3	78.9	1.158	1.148	0.996	-0.298	1.146	0.004	-0.007	-0.37	0.20
28	17.000	0.976	1017.98	1414.9	512.6	79.0	1.164	1.154	0.996	-0.311	1.154	0.004	-0.006	-0.32	0.21
29	17.333	0.976	1017.65	1414.9	512.4	79.1	1.171	1.159	0.995	-0.323	1.159	0.005	-0.006	-0.32	0.24
30	17.666	0.978	1019.39	1414.8	513.4	78.9	1.176	1.162	0.994	-0.328	1.162	0.006	-0.006	-0.32	0.28
31	18.000	0.977	1018.93	1413.6	512.6	79.0	1.178	1.164	0.993	-0.333	1.164	0.006	-0.008	-0.39	0.28
32	18.333	0.976	1018.04	1414.9	512.6	79.1	1.145	1.139	0.993	-0.285	1.139	0.005	-0.016	-0.80	0.27
33	18.666	0.979	1020.15	1416.2	514.2	79.1	1.080	1.085	0.995	-0.176	1.085	0.005	-0.023	-1.22	0.27
34	19.000	0.975	1017.76	1415.0	512.9	79.0	1.002	1.023	1.000	-0.045	1.022	0.005	-0.018	-1.03	0.28

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1063	2.999	-5.00	68	2.00	-5.00	6-302	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	10.333	0.976	1017.84	1412.8	511.9	78.8	0.943	0.971	1.002	0.061	0.967	-0.003	-0.083	-4.89	-0.17
6	11.000	0.978	1019.07	1414.1	513.0	78.8	0.961	0.986	1.001	0.031	0.981	-0.005	-0.097	-5.63	-0.32
7	11.666	0.978	1019.42	1414.3	513.3	78.8	0.970	0.993	1.001	0.015	0.988	-0.007	-0.097	-5.62	-0.38
8	12.333	0.979	1020.04	1413.9	513.3	78.9	0.987	1.007	1.001	-0.013	1.003	-0.009	-0.094	-5.38	-0.49
9	13.000	0.976	1019.39	1414.6	513.3	78.8	1.007	1.025	1.001	-0.048	1.021	-0.011	-0.089	-4.98	-0.61
10	13.666	0.977	1018.29	1415.5	513.1	78.8	1.024	1.040	1.001	-0.078	1.036	-0.013	-0.082	-4.50	-0.71
11	14.333	0.977	1017.81	1414.6	512.7	78.5	1.041	1.054	1.001	-0.107	1.052	-0.014	-0.072	-3.93	-0.78
12	15.000	0.977	1017.74	1412.1	511.8	78.4	1.065	1.074	1.001	-0.147	1.072	-0.015	-0.064	-3.41	-0.81
15	15.666	0.977	1018.56	1413.8	512.7	78.6	1.094	1.097	1.000	-0.193	1.095	-0.015	-0.055	-2.90	-0.81
16	16.333	0.978	1019.74	1413.6	513.2	78.9	1.116	1.114	1.000	-0.227	1.113	-0.016	-0.045	-2.31	-0.84
18	17.000	0.979	1019.42	1415.0	513.7	78.5	1.140	1.133	0.999	-0.266	1.132	-0.016	-0.036	-1.80	-0.82
20	17.666	0.978	1019.00	1412.4	512.5	78.5	1.162	1.151	0.999	-0.302	1.150	-0.015	-0.025	-1.26	-0.75
21	18.333	0.977	1018.75	1412.7	512.3	78.8	1.180	1.165	0.997	-0.332	1.165	-0.014	-0.014	-0.67	-0.69
22	19.000	0.977	1018.57	1414.2	512.8	78.8	1.194	1.176	0.996	-0.355	1.176	-0.013	-0.003	-0.14	-0.62

TEST	PART	REX10-6	ALFA	WING	Y	Z	PUR SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1068	3.001	-5.00	68	2.00	-3.00	6-307	2- 8-77	TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UL/VW	VL/VW	WL/VW	AAL	BWL
8	10.000	0.977	1018.69	1414.8	512.9	79.1	0.939	0.967	1.001	0.069	0.964	-0.001	-0.071	-4.19	-0.08
9	10.333	0.977	1018.68	1414.6	512.8	79.1	0.935	0.963	1.001	0.075	0.958	-0.013	-0.095	-5.65	-0.75
10	10.666	0.978	1019.62	1415.4	513.7	79.0	0.936	0.964	1.001	0.074	0.959	-0.013	-0.097	-5.80	-0.79
11	11.000	0.978	1019.46	1414.0	513.2	78.8	0.939	0.966	1.001	0.069	0.961	-0.014	-0.100	-5.91	-0.85
12	11.333	0.978	1018.87	1413.0	512.5	78.7	0.944	0.971	1.000	0.059	0.965	-0.016	-0.100	-5.90	-0.96
13	11.666	0.974	1017.67	1413.1	511.9	78.8	0.973	0.997	1.000	0.007	0.992	-0.018	-0.098	-5.67	-1.05
14	12.000	0.976	1017.10	1412.6	511.4	78.8	0.987	1.010	1.001	-0.018	1.005	-0.020	-0.095	-5.41	-1.16
15	12.333	0.978	1019.51	1415.2	513.3	78.9	1.005	1.023	1.000	-0.046	1.019	-0.022	-0.091	-5.08	-1.23
16	12.666	0.976	1018.08	1414.8	512.6	79.1	1.018	1.036	1.001	-0.070	1.032	-0.023	-0.085	-4.70	-1.30
17	13.000	0.975	1017.16	1415.9	512.5	79.0	1.032	1.048	1.001	-0.095	1.045	-0.024	-0.078	-4.27	-1.34
18	13.333	0.976	1017.94	1414.7	512.5	79.0	1.044	1.058	1.001	-0.114	1.055	-0.025	-0.070	-3.80	-1.38
19	13.666	0.978	1019.54	1414.7	513.5	78.8	1.063	1.071	1.000	-0.141	1.069	-0.026	-0.065	-3.46	-1.37
20	14.000	0.976	1017.71	1415.0	512.6	78.9	1.077	1.084	1.000	-0.169	1.083	-0.025	-0.058	-3.09	-1.34
21	14.333	0.978	1019.04	1414.7	513.2	78.8	1.091	1.095	1.000	-0.189	1.093	-0.025	-0.053	-2.75	-1.30
22	14.666	0.976	1017.18	1414.2	512.1	78.7	1.103	1.106	1.000	-0.213	1.105	-0.024	-0.047	-2.43	-1.25
23	15.000	0.977	1018.70	1413.7	512.7	78.8	1.118	1.116	0.999	-0.233	1.115	-0.024	-0.041	-2.13	-1.21
24	15.333	0.979	1019.82	1413.2	513.1	78.7	1.135	1.129	1.000	-0.257	1.128	-0.023	-0.035	-1.80	-1.16
26	15.666	0.974	1015.85	1414.5	511.4	78.8	1.148	1.144	0.998	-0.288	1.143	-0.022	-0.029	-1.45	-1.10
27	16.000	0.973	1015.47	1415.1	511.4	79.0	1.158	1.152	0.998	-0.305	1.152	-0.021	-0.022	-1.09	-1.06
28	16.333	0.975	1016.69	1414.6	511.8	79.0	1.170	1.160	0.997	-0.321	1.160	-0.019	-0.015	-0.76	-0.95
29	16.666	0.974	1017.74	1414.5	512.6	78.8	1.181	1.167	0.997	-0.335	1.167	-0.018	-0.009	-0.43	-0.88
30	17.000	0.979	1019.75	1414.9	513.7	78.7	1.191	1.172	0.996	-0.346	1.172	-0.016	-0.002	-0.09	-0.77
31	17.333	0.977	1019.81	1412.1	512.1	78.9	1.198	1.179	0.996	-0.361	1.179	-0.014	0.005	0.23	-0.70
33	17.666	0.978	1019.97	1414.4	513.5	78.9	1.206	1.184	0.994	-0.371	1.184	-0.012	0.011	0.52	-0.57
34	18.000	0.976	1017.47	1415.1	512.9	78.9	1.213	1.192	0.994	-0.387	1.192	-0.012	0.017	0.81	-0.56
35	18.333	0.977	1018.70	1413.9	512.6	79.0	1.216	1.193	0.993	-0.391	1.193	-0.009	0.022	1.04	-0.41
38	18.666	0.975	1016.33	1416.3	512.3	78.9	1.170	1.121	0.992	-0.251	1.121	-0.011	-0.023	-1.16	-0.57
39	19.000	0.976	1018.04	1414.9	512.6	79.1	0.923	0.954	0.992	0.080	0.953	-0.017	-0.037	-2.23	-1.00

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1060	3.001	-5.00	68	2.00	-2.00	6-308	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
1	10.000	0.976	1017.58	1415.5	512.6	79.1	0.930	0.960	1.000	0.080	0.955	-0.019	-0.098	-5.84	-1.12
2	10.333	0.978	1019.10	1415.2	513.3	79.1	0.927	0.956	1.000	0.088	0.951	-0.019	-0.102	-6.15	-1.17
3	10.666	0.976	1017.71	1415.0	512.6	78.9	0.928	0.958	1.000	0.084	0.952	-0.021	-0.108	-6.46	-1.26
4	11.000	0.976	1017.67	1414.2	512.2	78.9	0.933	0.963	1.001	0.076	0.956	-0.024	-0.111	-6.61	-1.46
5	11.333	0.978	1019.20	1414.1	513.0	79.0	0.943	0.970	1.000	0.061	0.963	-0.028	-0.110	-6.53	-1.68
6	11.666	0.978	1020.13	1413.6	513.3	79.0	0.981	1.007	1.000	-0.003	0.996	-0.032	-0.106	-6.06	-1.85
7	12.000	0.976	1018.01	1416.1	513.1	79.0	1.005	1.024	1.000	-0.048	1.019	-0.035	-0.099	-5.56	-1.95
8	12.333	0.977	1018.20	1416.1	513.1	79.1	1.022	1.039	1.000	-0.077	1.034	-0.036	-0.091	-5.02	-2.00
9	12.666	0.977	1018.36	1414.9	513.0	78.7	1.038	1.051	1.000	-0.102	1.048	-0.036	-0.080	-4.39	-1.96
10	13.000	0.975	1016.56	1412.9	511.2	78.9	1.047	1.061	1.000	-0.172	1.058	-0.034	-0.069	-3.74	-1.86
11	13.333	0.976	1017.87	1413.3	512.0	79.0	1.066	1.075	1.000	-0.150	1.073	-0.032	-0.060	-3.21	-1.72
12	13.666	0.978	1019.09	1416.8	513.9	78.9	1.087	1.092	0.999	-0.184	1.090	-0.031	-0.052	-2.75	-1.64
13	14.000	0.979	1020.06	1415.3	513.9	78.9	1.104	1.104	0.999	-0.209	1.103	-0.030	-0.046	-2.37	-1.56
15	14.333	0.977	1018.67	1413.3	512.4	78.9	1.122	1.120	0.999	-0.239	1.118	-0.029	-0.039	-2.01	-1.50
16	14.666	0.976	1017.39	1413.7	511.9	79.0	1.136	1.134	0.999	-0.269	1.134	-0.028	-0.032	-1.62	-1.41
17	15.000	0.977	1018.53	1416.5	513.5	79.0	1.152	1.144	0.997	-0.289	1.143	-0.026	-0.024	-1.22	-1.33
18	15.333	0.978	1019.43	1415.6	513.6	79.0	1.167	1.155	0.997	-0.311	1.154	-0.024	-0.016	-0.79	-1.20
19	15.666	0.974	1018.17	1414.4	512.5	79.1	1.178	1.165	0.997	-0.331	1.164	-0.022	-0.007	-0.35	-1.07
20	16.000	0.978	1019.72	1414.5	513.3	79.1	1.188	1.170	0.996	-0.343	1.170	-0.019	0.001	0.03	-0.93
22	16.333	0.976	1017.88	1415.5	512.7	79.1	1.200	1.182	0.995	-0.366	1.182	-0.016	0.010	0.49	-0.77
23	16.666	0.975	1017.12	1415.4	512.3	79.1	1.204	1.186	0.994	-0.375	1.185	-0.013	0.016	0.76	-0.65
24	17.000	0.974	1015.89	1414.6	511.4	79.1	1.211	1.192	0.994	-0.388	1.192	-0.010	0.022	1.07	-0.50
25	17.333	0.976	1018.17	1416.4	513.2	79.1	1.217	1.195	0.992	-0.394	1.194	-0.007	0.029	1.40	-0.34
26	17.666	0.978	1020.14	1416.2	514.1	79.2	1.222	1.196	0.991	-0.398	1.195	-0.006	0.033	1.58	-0.26
27	18.000	0.976	1018.05	1414.6	512.5	79.1	1.224	1.200	0.991	-0.406	1.200	-0.003	0.037	1.76	-0.18
28	18.333	0.978	1019.97	1414.6	513.5	79.1	1.181	1.165	0.990	-0.339	1.165	0.002	-0.000	-0.02	0.11
29	18.666	0.978	1019.42	1416.5	513.9	79.1	0.943	0.970	0.990	0.045	0.969	-0.007	-0.031	-1.05	-0.42
30	19.000	0.977	1018.75	1416.0	513.4	79.1	0.979	0.958	0.994	0.073	0.958	-0.014	-0.036	-2.14	-0.93

TEST	PART	RFY10-4	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1070	2.996	-4.00	68	2.00	-1.00	6-309		2- 8-77	TRANSONIC 4T

POINT	X	M	TV	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
2	10.000	0.974	1014.19	1414.6	511.5	79.1	0.920	0.952	1.000	0.095	0.945	-0.020	-0.117	-7.08	-1.10
3	10.333	0.976	1017.90	1415.5	512.8	79.0	0.912	0.944	0.999	0.111	0.935	-0.018	-0.127	-7.74	-1.13
4	10.466	0.977	1018.51	1415.7	512.9	79.1	0.907	0.939	0.999	0.121	0.928	-0.020	-0.142	-8.67	-1.26
5	11.000	0.975	1016.71	1415.0	511.9	78.1	0.918	0.951	0.999	0.096	0.938	-0.031	-0.153	-9.25	-1.88
6	11.333	0.974	1017.56	1414.9	512.4	78.9	0.965	0.991	0.998	0.016	0.978	-0.047	-0.140	-8.60	-2.74
7	11.666	0.977	1018.94	1414.5	512.6	78.8	1.023	1.040	0.999	-0.081	1.030	-0.056	-0.131	-7.24	-3.13
8	12.000	0.977	1016.83	1413.6	512.6	79.0	1.040	1.053	0.999	-0.107	1.045	-0.057	-0.113	-6.19	-3.14
9	12.333	0.975	1015.68	1415.3	512.1	78.9	1.046	1.060	0.999	-0.121	1.054	-0.055	-0.096	-5.22	-2.96
10	12.666	0.975	1017.05	1415.1	512.2	79.0	1.048	1.062	1.000	-0.124	1.058	-0.049	-0.080	-4.34	-2.63
11	13.000	0.976	1017.95	1414.9	512.5	79.1	1.053	1.065	1.000	-0.129	1.062	-0.042	-0.068	-3.69	-2.26
12	13.333	0.978	1019.34	1414.9	513.3	79.1	1.056	1.066	0.999	-0.134	1.064	-0.035	-0.059	-3.16	-1.96
13	13.666	0.980	1020.85	1415.3	514.2	79.1	1.063	1.070	0.998	-0.142	1.068	-0.031	-0.051	-2.71	-1.67
14	14.000	0.975	1015.67	1415.5	513.7	79.1	1.071	1.078	0.998	-0.159	1.077	-0.026	-0.043	-2.28	-1.40
15	14.333	0.975	1014.71	1415.0	511.9	79.1	1.080	1.088	0.998	-0.180	1.088	-0.022	-0.035	-1.84	-1.17
16	14.666	0.977	1018.22	1414.5	512.5	79.1	1.098	1.101	0.997	-0.206	1.101	-0.017	-0.026	-1.38	-0.90
17	15.000	0.979	1019.90	1415.9	514.0	79.1	1.120	1.117	0.995	-0.239	1.117	-0.012	-0.018	-0.93	-0.62
18	15.333	0.976	1018.17	1415.5	512.9	79.1	1.146	1.139	0.994	-0.284	1.139	-0.007	-0.008	-0.39	-0.37
19	15.466	0.978	1018.81	1413.9	512.8	78.8	1.171	1.158	0.993	-0.322	1.158	-0.006	0.005	0.23	-0.31
21	16.000	0.977	1018.17	1414.2	512.6	78.8	1.192	1.175	0.992	-0.356	1.175	-0.001	0.016	0.80	-0.06
22	16.333	0.977	1018.38	1413.1	512.4	78.6	1.206	1.186	0.991	-0.377	1.185	-0.001	0.029	1.40	-0.04
23	16.666	0.979	1020.04	1412.5	513.0	78.7	1.216	1.191	0.990	-0.389	1.191	0.000	0.039	1.86	0.01
24	17.000	0.978	1019.10	1413.5	512.8	78.8	1.222	1.197	0.989	-0.401	1.196	0.004	0.046	2.18	0.21
25	17.333	0.977	1018.06	1414.8	512.8	78.8	1.224	1.200	0.989	-0.407	1.199	0.007	0.049	2.36	0.35
26	17.666	0.978	1019.35	1414.9	513.4	78.9	1.209	1.186	0.989	-0.382	1.186	0.016	0.035	1.67	0.75
27	18.000	0.975	1017.88	1414.2	512.4	78.8	1.060	1.070	0.989	-0.155	1.070	0.017	-0.004	-0.24	0.92
28	18.333	0.979	1019.84	1414.7	513.6	78.9	0.992	1.012	0.991	-0.036	1.012	0.007	-0.015	-0.84	0.40
30	18.666	0.973	1014.84	1414.3	510.8	78.9	0.940	0.972	0.998	0.053	0.971	-0.005	-0.021	-1.23	-0.31
31	19.000	0.974	1016.04	1413.6	511.1	79.0	0.932	0.963	0.998	0.071	0.963	-0.010	-0.021	-1.28	-0.62

TEST	PART	REX10-6	ALFA	WING	Y	Z	PWN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1064	3.003	-5.00	68	4.00	-5.00	6-303	2- 8-77	TRANSONIC 4T

POINT	X	V	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	11.000	0.976	1017.68	1415.3	512.7	78.8	0.943	0.971	1.001	0.059	0.967	-0.005	-0.096	-5.65	-0.31
5	11.666	0.977	1018.44	1414.9	513.0	78.8	0.964	0.989	1.001	0.023	0.984	-0.005	-0.098	-5.70	-0.27
6	12.333	0.978	1018.80	1413.7	512.7	78.8	0.978	1.001	1.001	-0.000	0.996	-0.007	-0.098	-5.61	-0.41
7	13.000	0.979	1020.36	1413.1	513.3	78.8	0.997	1.015	1.001	-0.028	1.010	-0.011	-0.095	-5.39	-0.63
8	13.666	0.975	1016.74	1414.5	511.9	78.9	1.017	1.036	1.001	-0.070	1.032	-0.016	-0.090	-4.99	-0.90
9	14.333	0.977	1019.70	1414.6	512.7	78.8	1.033	1.048	1.001	-0.094	1.044	-0.021	-0.081	-4.46	-1.17
10	15.000	0.977	1018.12	1413.9	512.5	78.7	1.057	1.067	1.001	-0.133	1.064	-0.025	-0.073	-3.91	-1.32
11	15.666	0.978	1019.16	1412.7	512.7	78.5	1.085	1.089	1.001	-0.176	1.087	-0.027	-0.063	-3.34	-1.43
13	16.333	0.976	1017.44	1411.8	511.4	78.8	1.110	1.112	1.000	-0.222	1.110	-0.030	-0.053	-2.72	-1.52
14	17.000	0.979	1020.24	1413.6	513.4	78.8	1.139	1.131	0.999	-0.263	1.130	-0.031	-0.042	-2.15	-1.57
15	17.666	0.977	1018.03	1415.4	512.9	78.8	1.165	1.154	0.999	-0.309	1.154	-0.032	-0.030	-1.49	-1.58
16	18.333	0.979	1019.33	1414.5	513.3	78.8	1.182	1.166	0.997	-0.333	1.166	-0.030	-0.017	-0.82	-1.49
19	19.000	0.976	1017.09	1412.2	511.4	78.6	1.201	1.183	0.996	-0.368	1.183	-0.029	-0.003	-0.13	-1.39

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-486	1071	2.999	-4.99	68	4.00	-3.00	6-310	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	11.000	0.978	1016.55	1414.9	511.8	79.1	0.936	0.966	1.001	0.069	0.981	-0.012	-0.096	-5.60	-0.69
6	11.333	0.975	1017.72	1415.4	512.3	79.1	0.940	0.969	1.001	0.063	0.963	-0.002	-0.109	-6.44	-0.12
7	11.666	0.977	1018.18	1415.5	512.9	79.0	0.943	0.971	1.001	0.059	0.965	-0.004	-0.110	-6.51	-0.25
8	12.000	0.977	1018.59	1413.9	512.5	79.1	0.965	0.990	1.001	0.023	0.983	-0.007	-0.112	-6.48	-0.42
9	12.333	0.977	1018.98	1414.6	513.0	79.0	0.981	1.003	1.001	-0.004	0.996	-0.011	-0.112	-6.39	-0.66
10	12.666	0.978	1019.74	1416.0	513.9	79.0	1.000	1.019	1.001	-0.036	1.012	-0.017	-0.110	-6.20	-0.94
11	13.000	0.977	1019.71	1415.2	513.1	79.1	1.018	1.035	1.001	-0.068	1.029	-0.023	-0.106	-5.90	-1.28
12	13.333	0.978	1019.78	1414.8	513.5	79.1	1.038	1.050	1.001	-0.099	1.045	-0.029	-0.100	-5.48	-1.59
14	13.666	0.973	1015.28	1415.3	511.3	79.1	1.055	1.069	1.001	-0.137	1.065	-0.035	-0.093	-4.99	-1.90
15	14.000	0.971	1013.56	1414.7	510.1	79.1	1.068	1.082	1.002	-0.162	1.078	-0.040	-0.085	-4.49	-2.12
16	14.333	0.973	1015.12	1415.2	511.7	79.1	1.089	1.097	1.001	-0.194	1.094	-0.042	-0.077	-4.04	-2.20
17	14.666	0.975	1015.31	1415.7	512.1	78.8	1.107	1.110	1.000	-0.220	1.107	-0.043	-0.070	-3.60	-2.25
18	15.000	0.976	1018.06	1414.0	512.3	79.0	1.123	1.121	1.000	-0.242	1.119	-0.044	-0.061	-3.13	-2.26
19	15.333	0.976	1017.64	1414.7	512.3	79.1	1.137	1.133	1.000	-0.265	1.131	-0.044	-0.053	-2.69	-2.24
20	15.666	0.977	1018.68	1415.7	513.2	79.1	1.147	1.140	0.999	-0.281	1.138	-0.044	-0.047	-2.35	-2.23
21	16.000	0.977	1018.46	1415.3	513.0	79.1	1.167	1.156	0.998	-0.311	1.154	-0.045	-0.037	-1.86	-2.21
22	16.333	0.977	1019.81	1415.2	513.1	79.1	1.177	1.163	0.998	-0.327	1.162	-0.044	-0.029	-1.41	-2.18
23	16.666	0.977	1018.00	1414.6	512.6	78.8	1.191	1.174	0.997	-0.349	1.173	-0.044	-0.018	-0.90	-2.14
24	17.000	0.978	1019.39	1413.9	513.0	79.0	1.200	1.180	0.996	-0.362	1.179	-0.043	-0.010	-0.48	-2.09
26	17.333	0.977	1018.50	1414.1	512.5	79.1	1.209	1.188	0.995	-0.378	1.187	-0.041	-0.001	-0.03	-1.99
27	17.666	0.978	1018.31	1415.4	513.4	79.1	1.217	1.193	0.993	-0.391	1.193	-0.042	0.009	0.42	-2.00
28	18.000	0.977	1018.40	1414.8	512.8	79.1	1.224	1.200	0.993	-0.403	1.199	-0.039	0.017	0.83	-1.86
29	18.333	0.979	1020.40	1415.7	513.9	79.2	1.230	1.202	0.992	-0.408	1.201	-0.036	0.025	1.21	-1.72
31	18.666	0.974	1017.61	1415.2	512.5	79.1	1.185	1.170	0.991	-0.349	1.170	-0.030	-0.011	-0.52	-1.46
32	19.000	0.978	1019.68	1415.7	513.8	78.9	0.922	0.951	0.989	0.082	0.949	-0.034	-0.040	-2.42	-2.05

TEST	PART	REX10-6	ALPH	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1072	3.004	-4.99	68	4.00	-2.00	6-311	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	11.000	0.978	1019.44	1416.0	513.7	79.1	0.932	0.960	1.000	0.081	0.953	0.004	-0.112	-6.71	0.21
6	11.333	0.979	1020.33	1415.8	514.1	79.1	0.933	0.961	1.001	0.080	0.953	0.003	-0.116	-6.94	0.20
7	11.666	0.978	1019.60	1415.0	513.2	79.1	0.938	0.965	1.001	0.071	0.958	0.001	-0.121	-7.20	0.07
8	12.000	0.979	1020.06	1415.5	513.8	79.2	0.943	0.970	1.000	0.061	0.961	-0.004	-0.125	-7.39	-0.21

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1079	3.000	-5.01	60	4.00	-2.00	6-311	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
19	12.333	0.977	1022.91	1428.3	518.0	83.2	0.981	1.003	1.001	-0.004	0.995	-0.013	-0.126	-7.19	-0.73
20	12.666	0.978	1023.19	1428.0	518.0	83.4	1.018	1.035	1.000	-0.069	1.027	-0.074	-0.124	-6.86	-1.36
23	13.000	0.978	1023.35	1426.9	517.9	82.8	1.052	1.062	1.001	-0.122	1.055	-0.038	-0.116	-6.30	-2.07
24	13.333	0.978	1023.37	1427.1	518.1	82.6	1.093	1.087	1.000	-0.174	1.081	-0.049	-0.105	-5.52	-2.60
25	13.666	0.974	1019.11	1427.1	515.8	82.7	1.101	1.107	1.000	-0.213	1.102	-0.057	-0.090	-4.65	-2.97
26	14.000	0.975	1020.32	1427.9	516.5	83.1	1.127	1.126	0.999	-0.252	1.122	-0.059	-0.076	-3.89	-3.02
27	14.333	0.975	1021.65	1429.8	517.5	83.2	1.140	1.136	0.999	-0.273	1.133	-0.059	-0.065	-3.29	-2.96
28	14.666	0.974	1022.25	1428.4	517.5	83.5	1.154	1.146	0.999	-0.292	1.143	-0.058	-0.054	-2.70	-2.89
29	15.000	0.977	1022.54	1430.2	518.4	83.4	1.165	1.154	0.998	-0.309	1.152	-0.057	-0.045	-2.24	-2.81
30	15.333	0.978	1023.84	1430.8	519.1	83.8	1.175	1.161	0.998	-0.322	1.159	-0.054	-0.035	-1.74	-2.67
31	15.666	0.976	1024.78	1429.6	519.2	83.6	1.190	1.171	0.997	-0.343	1.170	-0.054	-0.024	-1.19	-2.64
32	16.000	0.977	1023.40	1430.0	518.6	83.8	1.201	1.181	0.996	-0.365	1.180	-0.054	-0.013	-0.65	-2.60
33	16.333	0.978	1023.69	1432.3	519.9	83.1	1.212	1.188	0.995	-0.379	1.187	-0.053	-0.002	-0.09	-2.58
34	16.666	0.978	1023.23	1425.4	517.2	82.9	1.219	1.195	0.993	-0.393	1.193	-0.053	0.009	0.45	-2.52
35	17.000	0.978	1023.65	1430.4	519.2	83.1	1.228	1.201	0.991	-0.408	1.200	-0.049	0.021	1.01	-2.36
36	17.333	0.976	1019.05	1416.7	514.2	80.4	1.235	1.209	0.989	-0.425	1.207	-0.048	0.032	1.54	-2.30
37	17.666	0.975	1017.96	1417.7	512.9	80.4	1.240	1.214	0.990	-0.433	1.212	-0.044	0.041	1.93	-2.07
38	18.000	0.974	1017.91	1426.9	516.1	80.7	1.246	1.219	0.987	-0.446	1.217	-0.040	0.049	2.32	-1.87
39	18.333	0.974	1018.37	1425.6	516.2	80.0	1.219	1.197	0.986	-0.406	1.197	-0.030	0.015	0.71	-1.43
40	18.666	0.972	1014.58	1409.3	508.5	79.7	0.906	0.942	0.992	0.103	0.941	-0.032	-0.033	-2.02	-1.93
41	19.000	0.974	1018.40	1419.3	514.2	79.6	0.901	0.934	0.987	0.111	0.933	-0.035	-0.035	-2.12	-2.16

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE
TC-484	1080	2.993	-5.01	68	4.00	-1.00	6-312		2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	11.000	0.972	1015.03	1417.6	511.4	80.3	0.918	0.953	1.003	0.098	0.946	0.015	-0.114	-6.90	0.92
6	11.333	0.974	1019.78	1421.2	514.9	80.4	0.921	0.952	1.000	0.096	0.944	0.018	-0.121	-7.29	1.08
7	11.666	0.974	1019.41	1420.2	514.4	80.7	0.923	0.953	1.000	0.093	0.944	0.018	-0.130	-7.86	1.12
8	12.000	0.974	1019.46	1420.5	514.6	80.7	0.929	0.959	1.000	0.082	0.948	0.014	-0.143	-8.55	0.82
9	12.333	0.977	1019.74	1418.6	514.1	80.7	0.943	0.971	1.000	0.058	0.958	-0.002	-0.157	-9.33	-0.12
10	12.666	0.979	1021.77	1421.8	516.3	80.7	1.048	1.059	0.998	-0.119	1.045	-0.038	-0.168	-9.14	-2.07
11	13.000	0.978	1020.85	1421.2	515.6	80.7	1.146	1.139	0.999	-0.277	1.125	-0.087	-0.152	-7.69	-4.42
12	13.333	0.978	1020.87	1419.7	515.0	80.8	1.185	1.169	0.998	-0.338	1.161	-0.106	-0.093	-4.58	-5.20
13	13.666	0.979	1021.71	1419.7	515.4	80.8	1.178	1.163	0.993	-0.331	1.157	-0.088	-0.070	-3.47	-4.36
14	14.000	0.976	1019.76	1421.4	515.0	80.8	1.181	1.167	0.995	-0.338	1.163	-0.091	-0.059	-2.89	-3.99
15	14.333	0.977	1020.54	1421.0	515.3	80.7	1.184	1.169	0.995	-0.340	1.165	-0.074	-0.047	-2.30	-3.63
16	14.666	0.979	1021.63	1421.0	515.9	80.8	1.192	1.174	0.995	-0.350	1.171	-0.073	-0.035	-1.70	-3.55
17	15.000	0.976	1019.11	1421.1	514.6	80.7	1.205	1.186	0.996	-0.374	1.184	-0.070	-0.020	-0.98	-3.39
18	15.333	0.978	1021.19	1422.2	516.1	80.8	1.212	1.189	0.993	-0.383	1.187	-0.066	-0.008	-0.37	-3.19
19	15.665	0.977	1019.84	1418.6	514.2	80.5	1.227	1.201	0.994	-0.405	1.199	-0.069	0.008	0.37	-3.30
20	16.000	0.974	1019.49	1421.8	515.1	80.7	1.236	1.209	0.990	-0.423	1.207	-0.067	0.022	1.05	-3.19
21	16.333	0.977	1020.15	1419.2	514.4	80.9	1.244	1.215	0.988	-0.436	1.212	-0.066	0.037	1.73	-3.11
22	16.656	0.974	1017.95	1419.7	513.5	80.7	1.254	1.224	0.988	-0.455	1.221	-0.062	0.050	2.35	-2.88
23	17.000	0.977	1020.81	1421.7	515.6	81.0	1.258	1.224	0.983	-0.460	1.222	-0.053	0.059	2.76	-2.48
24	17.333	0.974	1018.32	1421.7	514.2	81.1	1.262	1.230	0.984	-0.471	1.227	-0.048	0.067	3.12	-2.25
25	17.666	0.977	1019.96	1423.6	515.9	80.9	1.262	1.228	0.983	-0.467	1.225	-0.042	0.071	3.33	-1.98
26	18.000	0.977	1020.10	1419.1	514.4	80.7	1.182	1.167	0.982	-0.353	1.167	-0.023	-0.005	-0.25	-1.12
27	18.333	0.978	1021.62	1423.0	516.6	80.8	0.938	0.965	0.984	0.046	0.964	-0.024	-0.022	-1.32	-1.40
28	18.666	0.977	1020.48	1421.8	515.5	80.8	0.922	0.952	0.989	0.079	0.951	-0.079	-0.028	-1.67	-1.76
29	19.000	0.978	1021.23	1420.1	515.2	81.0	0.915	0.945	0.982	0.097	0.944	-0.033	-0.024	-1.48	-1.99

TEST	PART	RFX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1055	3.003	-5.00	F8	7.00	-5.00	6-304	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	13.000	0.978	1019.23	1414.5	513.7	78.8	0.960	0.985	1.002	0.035	0.980	-0.003	-0.098	-5.70	-0.20
5	13.666	0.977	1018.75	1417.3	512.0	78.5	0.992	1.012	1.001	-0.023	1.007	-0.004	-0.105	-5.98	-0.21
6	14.333	0.978	1019.03	1411.2	512.0	78.7	1.006	1.024	1.001	-0.047	1.019	-0.009	-0.104	-5.85	-0.51
7	15.000	0.975	1016.71	1413.7	511.6	78.8	1.026	1.043	1.001	-0.084	1.038	-0.017	-0.101	-5.55	-0.97
8	15.666	0.977	1018.73	1415.4	513.3	78.8	1.047	1.059	1.001	-0.116	1.054	-0.026	-0.094	-5.12	-1.41
9	16.333	0.979	1019.73	1414.1	512.9	78.6	1.078	1.084	1.001	-0.166	1.080	-0.033	-0.087	-4.62	-1.77
10	17.000	0.977	1018.55	1412.7	512.2	78.8	1.114	1.113	1.000	-0.227	1.110	-0.040	-0.077	-3.98	-2.07
11	17.666	0.976	1017.62	1414.1	512.2	78.8	1.148	1.141	0.999	-0.282	1.139	-0.046	-0.063	-3.17	-2.30
12	18.333	0.977	1019.71	1416.1	513.5	78.8	1.179	1.164	0.998	-0.329	1.162	-0.049	-0.048	-2.34	-2.44
13	19.000	0.974	1015.49	1413.3	510.9	78.9	1.200	1.184	0.997	-0.369	1.183	-0.052	-0.030	-1.44	-2.51

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1081	3.001	-5.01	6B	7.06	-3.00	6-313	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	13.000	0.974	1019.40	1422.0	514.9	81.1	0.971	0.996	1.001	0.009	0.989	0.005	-0.112	-6.46	0.27
3	13.333	0.975	1019.10	1421.3	514.5	81.1	0.980	1.004	1.001	-0.006	0.997	0.003	-0.114	-6.52	0.16
4	13.666	0.974	1017.81	1422.4	514.2	81.1	0.967	1.011	1.000	-0.022	1.004	-0.001	-0.116	-6.59	-0.05
5	14.000	0.975	1019.24	1423.4	515.2	81.4	1.001	1.022	1.000	-0.044	1.015	-0.006	-0.118	-6.60	-0.33
6	14.333	0.974	1019.35	1422.5	515.0	81.2	1.014	1.033	1.000	-0.066	1.026	-0.012	-0.118	-6.58	-0.68
7	14.666	0.976	1018.88	1422.2	515.1	81.3	1.031	1.047	1.002	-0.091	1.040	-0.020	-0.118	-6.48	-1.10
8	15.000	0.978	1021.70	1422.1	516.0	81.4	1.052	1.062	1.000	-0.124	1.055	-0.029	-0.116	-6.29	-1.59
9	15.333	0.975	1015.10	1421.3	514.5	81.0	1.073	1.082	1.000	-0.163	1.075	-0.041	-0.112	-5.97	-2.18
10	15.666	0.977	1020.00	1423.3	515.8	80.9	1.105	1.107	1.001	-0.212	1.100	-0.051	-0.107	-5.55	-2.68
11	16.000	0.979	1022.71	1422.5	516.7	81.4	1.135	1.128	0.999	-0.257	1.123	-0.061	-0.098	-5.00	-3.11
12	16.333	0.975	1019.30	1422.4	514.9	81.2	1.159	1.151	1.000	-0.301	1.146	-0.070	-0.087	-4.32	-3.48
13	16.666	0.978	1021.44	1422.9	516.1	81.4	1.182	1.166	0.997	-0.334	1.161	-0.076	-0.073	-3.60	-3.76
14	17.000	0.978	1021.36	1420.0	515.1	81.3	1.200	1.180	0.997	-0.361	1.176	-0.080	-0.058	-2.82	-3.87
15	17.333	0.976	1019.84	1422.1	515.2	81.0	1.213	1.192	0.995	-0.386	1.188	-0.081	-0.042	-2.01	-3.88
16	17.666	0.978	1021.28	1423.7	516.3	81.4	1.223	1.198	0.993	-0.400	1.195	-0.077	-0.029	-1.38	-3.67
17	18.000	0.976	1017.88	1420.9	513.6	81.3	1.234	1.210	0.991	-0.475	1.208	-0.076	-0.013	-0.60	-3.62
18	18.333	0.974	1018.28	1423.6	514.9	81.1	1.241	1.215	0.988	-0.437	1.213	-0.076	-0.001	-0.07	-3.59
19	18.666	0.976	1019.70	1422.4	515.2	81.2	1.192	1.176	0.987	-0.364	1.172	-0.091	-0.039	-1.90	-4.45
20	19.000	0.977	1020.58	1421.3	515.2	81.3	1.003	1.022	0.995	-0.052	1.017	-0.082	-0.068	-3.81	-4.63

TEST	PART	PFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1082	3.001	-5.01	68	7.00	-2.00	6-314	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	13.000	0.972	1016.27	1423.0	513.7	80.9	0.944	0.975	1.000	0.050	0.968	0.011	-0.115	-6.76	0.68
3	13.333	0.976	1019.97	1422.2	515.1	81.4	0.966	0.992	0.999	0.016	0.985	0.010	-0.118	-6.83	0.60
4	13.666	0.975	1018.73	1421.2	514.1	81.4	0.975	1.001	1.002	0.001	0.993	0.007	-0.123	-7.03	0.40
5	14.000	0.977	1020.93	1424.5	516.5	81.4	0.993	1.013	1.000	-0.027	1.005	0.002	-0.127	-7.21	0.11
6	14.333	0.977	1020.64	1423.6	516.2	81.4	1.011	1.029	1.000	-0.058	1.021	-0.006	-0.132	-7.38	-0.35
7	14.666	0.978	1021.66	1422.2	516.0	81.4	1.035	1.049	1.000	-0.097	1.040	-0.017	-0.136	-7.44	-0.96
8	15.000	0.977	1020.95	1423.1	515.9	81.5	1.067	1.075	1.000	-0.151	1.066	-0.033	-0.137	-7.32	-1.77
9	15.333	0.979	1022.36	1424.0	517.2	81.0	1.106	1.105	0.999	-0.211	1.095	-0.054	-0.135	-7.02	-2.80
10	15.666	0.978	1021.11	1418.4	514.7	80.7	1.153	1.144	0.999	-0.287	1.134	-0.077	-0.126	-6.35	-3.87
11	16.000	0.977	1020.90	1420.6	515.2	81.1	1.196	1.177	0.998	-0.355	1.168	-0.100	-0.108	-5.29	-4.91
12	16.333	0.979	1022.63	1424.7	517.5	81.2	1.225	1.198	0.994	-0.398	1.189	-0.119	-0.082	-3.93	-5.73
13	16.666	0.977	1021.34	1423.1	516.1	81.6	1.245	1.215	0.990	-0.435	1.207	-0.126	-0.047	-2.21	-5.94
14	17.000	0.979	1021.40	1423.2	516.2	81.5	1.255	1.272	0.987	-0.452	1.217	-0.110	-0.019	-0.90	-5.16
15	17.333	0.978	1022.49	1423.0	516.7	81.4	1.258	1.223	0.984	-0.456	1.219	-0.096	-0.003	-0.16	-4.51
16	17.666	0.978	1021.64	1423.6	516.7	81.2	1.257	1.230	0.983	-0.470	1.227	-0.085	0.009	0.44	-3.95
17	18.000	0.979	1021.57	1422.9	516.6	80.7	1.214	1.190	0.981	-0.398	1.184	-0.113	-0.035	-1.69	-5.43
18	18.333	0.978	1021.27	1423.8	516.7	80.8	1.223	1.197	0.992	-0.399	1.191	-0.124	-0.013	-0.61	-5.93
19	18.666	0.978	1021.15	1422.7	516.2	80.9	1.148	1.140	0.990	-0.290	1.132	-0.120	-0.050	-2.51	-6.08
20	19.000	0.975	1019.00	1418.8	513.3	81.5	0.910	0.943	0.992	0.100	0.935	-0.103	-0.068	-4.16	-6.27

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1063	2.990	-3.01	48	7.00	-1.00	6-315	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	13.000	0.977	1018.78	1474.0	514.0	81.6	0.939	0.971	1.000	0.058	0.964	0.023	-0.114	-6.76	1.37
4	13.333	0.974	1018.43	1472.3	514.2	81.6	0.941	0.971	1.002	0.061	0.963	0.024	-0.118	-6.99	1.42
5	13.666	0.976	1020.22	1473.6	515.6	81.7	0.943	0.971	1.000	0.057	0.963	0.024	-0.124	-7.31	1.42
6	14.000	0.974	1020.78	1473.5	515.7	81.5	0.962	0.988	1.000	0.075	0.979	0.022	-0.133	-7.73	1.29
7	14.333	0.976	1019.09	1471.3	514.6	80.8	0.979	1.003	1.000	-0.006	0.993	0.018	-0.144	-8.24	1.02
8	14.666	0.978	1021.59	1471.3	515.9	80.9	1.010	1.027	0.999	-0.055	1.015	0.006	-0.158	-8.85	0.36
9	15.000	0.978	1021.65	1472.0	516.0	81.3	1.061	1.069	0.999	-0.139	1.055	-0.018	-0.176	-9.46	-0.98
10	15.333	0.975	1018.76	1473.8	515.0	81.5	1.142	1.139	0.999	-0.277	1.121	-0.065	-0.187	-9.46	-3.32
11	15.666	0.977	1021.10	1476.5	517.0	81.9	1.217	1.194	0.996	-0.389	1.175	-0.132	-0.167	-8.08	-6.40
12	16.000	0.975	1019.36	1418.9	513.6	81.4	1.290	1.250	0.991	-0.500	1.231	-0.190	-0.107	-4.98	-8.79
13	16.333	0.974	1018.40	1474.4	515.1	81.5	1.389	1.321	0.972	-0.647	1.303	-0.215	-0.033	-1.45	-9.38
14	16.666	0.976	1020.53	1475.8	516.6	81.7	1.428	1.345	0.944	-0.712	1.328	-0.214	0.008	0.36	-9.15
15	17.000	0.976	1020.25	1477.0	515.2	81.6	1.307	1.261	0.926	-0.595	1.261	-0.014	0.006	0.28	-0.65
16	17.333	0.977	1020.91	1474.3	516.3	81.6	1.226	1.201	0.978	-0.422	1.193	-0.136	-0.020	-0.95	-6.49
17	17.666	0.977	1021.56	1476.1	517.0	82.1	1.239	1.210	0.987	-0.429	1.199	-0.160	0.013	0.62	-7.60
18	18.000	0.977	1021.52	1474.7	516.7	81.7	1.242	1.213	0.994	-0.437	1.199	-0.176	0.028	1.34	-8.36
19	18.333	0.978	1023.12	1475.3	517.7	81.8	1.196	1.176	0.982	-0.369	1.163	-0.175	-0.013	-0.63	-8.56
20	18.666	0.977	1021.01	1471.2	515.2	81.5	0.923	0.953	0.984	0.069	0.940	-0.148	-0.038	-2.29	-8.93
21	19.000	0.978	1022.38	1474.1	516.9	81.7	0.924	0.953	0.986	0.072	0.941	-0.146	-0.032	-1.97	-8.84

TEST	PART	RPT:0-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1004	7.999	-5.01	48	-4.00	-5.00	6-316	2- 8-77	TRANSONIC 4T

POINT	X	W	VM	PT	Q	TT	ML	VMI/VM	PTI/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	11.000	0.979	1017.98	1424.7	514.4	81.8	0.944	0.976	1.001	0.051	0.971	-0.001	-0.097	-5.73	-0.03
3	12.333	0.978	1019.11	1423.4	514.8	82.0	0.980	1.005	1.001	-0.007	1.000	0.002	-0.099	-5.64	0.13
4	13.666	0.978	1022.48	1425.4	517.3	81.9	1.017	1.033	1.001	-0.065	1.079	0.011	-0.090	-4.97	0.64
5	15.000	0.979	1022.79	1425.4	517.2	82.0	1.063	1.071	1.001	-0.141	1.069	0.021	-0.072	-3.87	1.13
6	16.333	0.979	1023.32	1426.4	518.2	81.9	1.115	1.112	0.999	-0.225	1.111	0.026	-0.052	-2.67	1.33
7	17.666	0.978	1022.05	1424.8	516.8	82.1	1.159	1.149	0.999	-0.298	1.148	0.029	-0.029	-1.45	1.46
9	19.000	0.976	1020.41	1422.7	515.2	82.0	1.180	1.173	0.995	-0.349	1.173	0.029	-0.008	-0.37	1.41

TEST	PART	MEX10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1085	3.003	-5.01	6B	-4.00	-3.00	6-317	2- 8-77	

POINT	X	M	TM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.978	1022.03	1425.3	517.0	82.0	0.938	0.965	1.001	0.071	0.960	-0.005	-0.104	-6.17	-0.29
4	12.333	0.977	1021.17	1425.0	516.5	82.0	0.981	1.003	1.001	-0.005	0.997	0.006	-0.109	-6.24	0.33
5	13.666	0.978	1022.11	1425.1	517.0	82.0	1.053	1.063	1.001	-0.124	1.059	0.032	-0.089	-4.79	1.71
6	15.000	0.977	1021.65	1424.6	516.6	81.0	1.126	1.123	1.000	-0.246	1.121	0.043	-0.057	-2.91	2.18
7	16.333	0.977	1021.35	1124.6	516.4	82.0	1.174	1.161	0.997	-0.374	1.160	0.043	-0.025	-1.23	2.14
8	17.666	0.979	1023.05	1425.0	517.4	82.1	1.215	1.190	0.994	-0.383	1.189	0.043	0.011	0.51	2.05
9	19.000	0.976	1019.67	1424.8	515.6	82.0	0.906	0.939	0.990	0.106	0.938	0.032	-0.038	-2.30	1.95

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TF-484	1086	2.908	-5.01	68	-4.00	-1.00	6-318	7- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	0.977	1017.67	1425.2	514.4	81.9	0.919	0.954	1.001	0.094	0.947	-0.016	-0.111	-6.69	-0.96
4	12.333	0.975	1019.19	1423.0	514.7	81.9	0.943	0.973	1.000	0.054	0.960	0.002	-0.158	-9.36	0.14
5	13.666	0.979	1022.70	1426.9	518.0	82.0	1.153	1.143	0.990	-0.296	1.138	0.079	-0.071	-3.59	3.99
6	15.000	0.976	1020.09	1424.3	515.6	82.0	1.204	1.185	0.994	-0.374	1.183	0.075	-0.022	-1.05	3.68
7	16.333	0.977	1021.46	1426.3	517.1	82.0	1.242	1.213	0.990	-0.431	1.210	0.073	0.035	1.65	3.47
8	17.666	0.976	1020.64	1423.5	515.5	82.2	1.260	1.227	0.984	-0.465	1.224	0.052	0.070	3.29	2.44
9	19.000	0.978	1022.49	1425.6	517.4	82.0	0.920	0.949	0.994	0.093	0.948	0.036	-0.024	-1.44	2.16

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1087	3.002	-5.01	6B	-7.00	-5.00	6-319	7- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	VL	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	13.666	0.978	1022.07	1425.2	517.0	87.1	0.960	0.984	1.001	0.032	0.979	-0.002	-0.098	-5.69	-0.11
4	15.000	0.978	1022.75	1425.0	517.0	82.1	1.027	1.041	1.001	-0.082	1.038	0.013	-0.089	-4.88	0.76
6	16.333	0.975	1019.96	1425.9	516.0	82.3	1.084	1.091	1.001	-0.182	1.089	0.030	-0.074	-3.91	1.59
8	17.666	0.978	1022.82	1425.7	517.4	82.4	1.152	1.142	0.999	-0.284	1.140	0.044	-0.050	-2.50	2.21
9	19.000	0.975	1020.71	1427.5	516.8	82.7	1.201	1.184	0.995	-0.369	1.182	0.049	-0.017	-0.82	2.38

TEST	PART	REX10-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1080	3.000	-5.01	68	-7.00	-3.00	6-320	2- 8-77	TRANSONIC 4T

POINT	X	P	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	13.666	0.979	1019.43	1424.9	515.7	81.9	0.987	1.010	1.000	-0.019	1.004	-0.002	-0.107	-6.06	-0.10
4	15.000	0.980	1023.86	1426.5	518.4	82.1	1.053	1.062	1.000	-0.124	1.056	0.027	-0.107	-5.76	1.48
5	16.333	0.977	1021.63	1425.5	516.8	82.1	1.162	1.152	0.999	-0.303	1.147	0.069	-0.078	-3.89	3.43
6	17.666	0.979	1023.14	1428.3	518.5	82.4	1.227	1.200	0.992	-0.403	1.197	0.078	-0.019	-0.90	3.73
7	19.000	0.979	1023.85	1425.6	517.9	82.4	1.011	1.027	0.994	-0.062	1.022	0.081	-0.062	-3.47	4.54

TEST	PART	PEXIT-A	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1089	2.998	-5.01	6B	-2.00	-1.00	6-321	2- 8-77	TRANSONIC 4T

POINT	X	Y	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	13.666	0.977	1017.16	1427.5	515.0	82.5	0.942	0.974	1.001	0.052	0.967	-0.027	-0.116	-6.87	-1.59
7	15.000	0.973	1018.58	1425.0	514.9	82.3	1.069	1.080	1.000	-0.160	1.066	0.018	-0.172	-9.18	0.97
8	16.333	0.976	1020.75	1427.9	517.1	82.4	1.414	1.336	0.965	-0.679	1.317	0.224	-0.011	-0.49	9.66
9	17.666	0.978	1023.31	1424.6	517.2	82.4	1.237	1.207	0.986	-0.425	1.196	0.165	0.013	0.64	7.83
10	19.000	0.980	1023.86	1427.6	518.7	82.2	0.931	0.958	0.987	0.063	0.947	0.141	-0.028	-1.69	8.49

TEST	PART	RCY10-A	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1090	3.001	-5.00	60	0.00	-14.14	7-601	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VMI/VM	PTI/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
12	-6.000	0.977	1022.11	1428.1	517.6	83.0	0.969	0.994	1.001	0.014	0.993	0.002	0.009	0.51	0.12
13	-5.500	0.975	1020.63	1429.1	517.3	82.6	0.964	0.990	1.001	0.021	0.990	0.002	0.008	0.49	0.09
14	-5.000	0.975	1020.15	1428.1	516.9	82.7	0.963	0.990	1.001	0.022	0.990	0.002	0.008	0.47	0.09
15	-4.500	0.975	1020.40	1428.2	516.8	82.8	0.964	0.990	1.001	0.021	0.990	0.002	0.008	0.46	0.11
16	-4.000	0.973	1018.86	1427.2	515.6	82.9	0.960	0.989	1.002	0.026	0.989	0.002	0.008	0.46	0.09
17	-3.500	0.973	1018.72	1428.0	515.9	82.6	0.961	0.989	1.001	0.024	0.989	0.002	0.007	0.43	0.09
18	-3.000	0.972	1017.47	1424.8	514.2	82.4	0.944	0.976	1.001	0.050	0.976	0.002	0.008	0.45	0.11
19	-2.500	0.973	1018.56	1428.1	515.8	82.8	0.945	0.975	1.001	0.050	0.975	0.002	0.007	0.42	0.10
20	-2.000	0.972	1018.09	1427.8	515.3	83.0	0.943	0.975	1.001	0.052	0.975	0.002	0.006	0.38	0.09
21	-1.500	0.971	1016.61	1427.6	514.6	82.7	0.943	0.976	1.001	0.050	0.976	0.002	0.006	0.36	0.09
22	-1.000	0.971	1017.18	1426.1	514.4	82.7	0.942	0.974	1.001	0.053	0.974	0.001	0.006	0.33	0.07
23	-0.500	0.973	1018.17	1427.9	515.6	82.6	0.943	0.974	1.001	0.053	0.974	0.002	0.005	0.27	0.09
24	0.000	0.971	1016.76	1427.0	514.5	82.7	0.942	0.974	1.001	0.053	0.974	0.001	0.004	0.23	0.08
25	0.500	0.972	1017.61	1425.6	514.6	82.4	0.942	0.974	1.001	0.054	0.974	0.002	0.003	0.19	0.10
26	1.000	0.972	1017.18	1425.5	514.5	82.0	0.943	0.975	1.001	0.053	0.975	0.001	0.002	0.13	0.07
27	1.500	0.971	1016.62	1424.0	513.3	82.7	0.942	0.975	1.001	0.052	0.975	0.001	0.002	0.10	0.08
28	2.000	0.974	1019.80	1431.1	517.5	82.8	0.944	0.973	1.000	0.053	0.973	0.002	0.000	0.03	0.09
29	2.500	0.971	1016.85	1425.5	514.0	82.7	0.942	0.975	1.001	0.053	0.975	0.001	-0.000	-0.00	0.08
30	3.000	0.975	1019.84	1425.9	515.7	82.7	0.959	0.987	1.000	0.027	0.987	0.002	-0.001	-0.04	0.09
31	3.500	0.973	1018.77	1427.2	515.6	82.7	0.959	0.988	1.001	0.027	0.988	0.002	-0.001	-0.08	0.10
32	4.000	0.973	1018.60	1427.6	515.7	82.7	0.961	0.989	1.000	0.022	0.989	0.001	-0.002	-0.09	0.08
48	3.500	0.972	1017.54	1428.6	515.3	83.0	0.958	0.988	1.001	0.024	0.988	0.002	-0.001	-0.06	0.09
49	4.000	0.972	1018.18	1429.6	516.0	83.1	0.962	0.991	1.001	0.018	0.991	0.001	-0.001	-0.08	0.07
50	4.500	0.974	1020.36	1429.1	516.6	83.4	0.965	0.992	1.001	0.018	0.992	0.002	-0.002	-0.09	0.09
51	5.000	0.974	1019.72	1429.9	516.8	83.3	0.967	0.994	1.001	0.013	0.994	0.002	-0.002	-0.09	0.10
52	5.500	0.972	1018.57	1427.8	515.4	83.4	0.968	0.996	1.002	0.011	0.996	0.001	-0.001	-0.08	0.08
53	6.000	0.973	1019.84	1429.9	516.4	83.1	0.973	1.000	1.001	0.002	1.000	0.001	-0.001	-0.06	0.08
54	6.500	0.972	1018.36	1427.6	515.3	83.3	0.970	0.998	1.001	0.005	0.998	0.001	-0.000	-0.00	0.08
55	7.000	0.973	1018.70	1429.3	516.1	83.2	0.975	1.002	1.001	-0.003	1.002	0.002	0.001	0.05	0.11
56	7.500	0.975	1022.88	1430.4	517.6	83.3	0.975	1.000	1.001	0.001	1.000	0.002	0.002	0.13	0.09
57	8.000	0.974	1019.60	1427.7	516.0	83.4	0.973	1.000	1.001	0.003	1.000	0.002	0.003	0.18	0.11
58	8.500	0.975	1020.79	1429.9	517.3	83.5	0.971	0.996	1.001	0.009	0.996	0.002	0.003	0.20	0.09
59	9.000	0.975	1020.80	1431.0	517.7	83.4	0.968	0.994	1.001	0.013	0.994	0.002	0.003	0.18	0.09
60	9.500	0.974	1019.52	1429.2	516.6	83.5	0.963	0.991	1.001	0.021	0.991	0.002	0.003	0.18	0.10
61	10.000	0.975	1020.33	1430.1	517.3	83.1	0.961	0.989	1.001	0.024	0.989	0.001	0.003	0.17	0.09
62	10.500	0.975	1020.60	1429.3	517.1	83.1	0.960	0.987	1.001	0.027	0.987	0.002	0.003	0.16	0.09
63	11.000	0.976	1021.67	1428.5	517.2	83.5	0.960	0.987	1.001	0.028	0.987	0.001	0.003	0.15	0.08
64	11.500	0.976	1021.95	1430.0	518.1	83.2	0.962	0.988	1.001	0.026	0.988	0.001	0.002	0.13	0.07
65	12.000	0.977	1022.93	1428.9	518.2	83.3	0.961	0.986	1.001	0.030	0.986	0.001	0.002	0.13	0.08
66	12.500	0.978	1023.77	1428.8	518.6	83.2	0.966	0.989	1.001	0.023	0.989	0.001	0.002	0.12	0.07
67	13.000	0.979	1024.07	1430.0	519.1	83.3	0.968	0.991	1.001	0.019	0.991	0.001	0.002	0.12	0.09
68	13.500	0.976	1021.75	1427.1	516.8	83.4	0.968	0.993	1.002	0.017	0.993	0.001	0.003	0.18	0.07
69	14.000	0.980	1024.85	1429.7	519.5	83.3	0.975	0.996	1.001	0.010	0.996	0.001	0.004	0.22	0.08
70	14.500	0.973	1018.22	1428.8	516.1	83.3	0.975	1.002	1.001	-0.001	1.002	0.001	0.005	0.29	0.08

TEST	PART	REX10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1090	3.001	-5.00	60	0.00	-14.14	7-601	2- 8-77	TRANSONIC 4T

POINT	X-	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	ASTL	BHTL
71	15.000	0.977	1022.69	1429.0	518.1	83.3	0.977	1.000	1.000	0.000	1.000	0.002	0.007	0.39	0.10
72	15.500	0.978	1023.54	1429.3	518.6	83.4	0.984	1.005	1.002	-0.008	1.005	0.002	0.008	0.46	0.10
73	16.000	0.978	1023.15	1430.4	515.8	83.3	0.988	1.009	1.000	-0.017	1.009	0.002	0.010	0.59	0.10
74	16.500	0.977	1022.72	1429.6	518.3	83.3	0.991	1.012	1.002	-0.022	1.012	0.001	0.012	0.71	0.08
75	17.000	0.977	1022.86	1427.3	517.6	83.2	0.995	1.015	1.001	-0.027	1.015	0.002	0.016	0.88	0.12
77	17.500	0.978	1023.97	1429.7	519.1	83.0	1.000	1.018	1.001	-0.036	1.018	0.002	0.018	1.03	0.12
80	18.000	0.978	1023.88	1428.1	518.4	83.3	1.003	1.021	1.001	-0.041	1.021	0.002	0.021	1.19	0.10
81	18.500	0.978	1023.09	1429.9	518.7	83.1	1.009	1.024	1.001	-0.051	1.026	0.001	0.024	1.36	0.08
84	19.000	0.976	1022.03	1428.7	517.6	83.3	1.013	1.031	1.000	-0.061	1.030	0.001	0.028	1.57	0.08
85	19.500	0.976	1024.04	1429.3	518.9	83.3	1.022	1.037	1.001	-0.072	1.036	0.002	0.031	1.71	0.09
86	20.000	0.979	1023.97	1427.9	518.3	83.3	1.030	1.043	1.001	-0.085	1.043	0.001	0.035	1.90	0.07
88	20.500	0.979	1023.58	1429.7	518.9	83.0	1.038	1.050	1.001	-0.100	1.050	0.002	0.039	2.12	0.11
89	21.000	0.976	1021.22	1425.7	516.4	82.7	0.993	1.006	1.002	-0.009	1.005	0.001	0.040	2.27	0.07
91	21.500	0.976	1021.74	1428.5	517.5	83.0	0.940	0.969	1.001	0.064	0.968	0.001	0.037	2.19	0.07
92	22.000	0.977	1022.31	1428.3	517.7	83.2	0.937	0.965	1.001	0.071	0.965	0.001	0.034	2.02	0.06
93	22.500	0.978	1023.70	1429.4	518.7	83.3	0.938	0.965	1.000	0.070	0.964	0.001	0.032	1.89	0.06
94	23.000	0.978	1023.79	1428.1	518.4	83.2	0.939	0.966	1.001	0.070	0.965	0.001	0.031	1.82	0.05
95	23.500	0.982	1026.78	1429.2	519.3	83.2	0.941	0.967	1.000	0.066	0.967	0.001	0.029	1.75	0.06
96	24.000	0.976	1021.38	1428.4	517.2	83.2	0.944	0.972	1.001	0.057	0.972	0.001	0.028	1.65	0.06

TEST	PART	REX10-6	ALFA	RING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1091	3.000	-5.00	68	10.00	-10.00	7-602	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BATL
2	-6.000	0.972	1018.73	1431.0	516.6	83.4	0.961	0.990	1.000	0.021	0.990	0.002	0.008	0.40	0.12
3	-5.500	0.972	1018.42	1429.0	515.7	83.5	0.961	0.990	1.001	0.021	0.990	0.002	0.002	0.12	0.12
4	-5.000	0.975	1020.63	1431.4	517.8	83.4	0.963	0.990	1.000	0.021	0.990	0.002	0.002	0.13	0.11
5	-4.500	0.972	1018.03	1427.7	515.2	83.2	0.958	0.988	1.002	0.027	0.988	0.002	0.002	0.11	0.13
6	-4.000	0.972	1018.45	1427.7	515.3	83.1	0.958	0.988	1.001	0.026	0.988	0.002	0.002	0.10	0.13
7	-3.500	0.973	1018.86	1430.3	516.6	83.1	0.960	0.988	1.001	0.024	0.988	0.003	0.002	0.12	0.15
8	-3.000	0.971	1017.24	1427.7	514.8	83.1	0.944	0.976	1.002	0.050	0.976	0.003	0.002	0.10	0.15
9	-2.500	0.972	1018.01	1425.6	515.4	83.4	0.944	0.976	1.001	0.050	0.976	0.003	0.001	0.08	0.16
10	-2.000	0.974	1020.03	1430.7	517.1	83.7	0.945	0.975	1.001	0.052	0.975	0.003	0.001	0.07	0.15
11	-1.500	0.973	1019.16	1429.8	516.4	83.5	0.944	0.975	1.001	0.053	0.975	0.003	0.001	0.05	0.19
12	-1.000	0.972	1018.27	1428.0	515.3	83.5	0.943	0.975	1.002	0.054	0.975	0.003	0.000	0.01	0.19
13	-0.500	0.972	1018.35	1429.4	515.9	83.4	0.943	0.975	1.001	0.052	0.975	0.004	-0.000	-0.01	0.24
14	0.000	0.971	1017.29	1428.9	515.2	83.3	0.942	0.975	1.002	0.053	0.975	0.004	-0.001	-0.05	0.24
16	0.500	0.975	1020.44	1429.6	517.1	83.3	0.942	0.972	1.001	0.057	0.972	0.004	-0.001	-0.07	0.26
17	1.000	0.974	1019.55	1429.6	516.6	83.3	0.943	0.974	1.001	0.054	0.974	0.005	-0.001	-0.08	0.32
18	1.500	0.973	1018.92	1428.8	516.0	83.3	0.943	0.974	1.001	0.054	0.974	0.006	-0.002	-0.13	0.33
19	2.000	0.972	1018.18	1428.9	515.6	83.3	0.943	0.975	1.002	0.053	0.975	0.006	-0.003	-0.16	0.33
20	2.500	0.971	1017.54	1429.0	515.3	83.4	0.943	0.976	1.001	0.050	0.976	0.006	-0.003	-0.17	0.37
21	3.000	0.971	1017.08	1430.5	515.6	83.3	0.944	0.977	1.001	0.048	0.977	0.007	-0.004	-0.21	0.40
22	3.500	0.973	1019.55	1429.6	516.6	83.4	0.959	0.988	1.002	0.027	0.988	0.007	-0.004	-0.22	0.40
23	4.000	0.973	1019.30	1428.8	516.1	83.5	0.960	0.989	1.001	0.025	0.989	0.007	-0.004	-0.22	0.42
24	4.500	0.972	1017.91	1427.8	515.4	82.7	0.961	0.990	1.002	0.023	0.990	0.007	-0.004	-0.25	0.41
25	5.000	0.972	1017.88	1426.0	514.4	83.3	0.964	0.993	1.001	0.016	0.993	0.007	-0.004	-0.25	0.40
26	5.500	0.972	1018.48	1431.1	516.4	83.6	0.968	0.997	1.002	0.009	0.997	0.006	-0.004	-0.24	0.37
27	6.000	0.971	1017.15	1430.1	515.5	83.4	0.967	0.997	1.001	0.008	0.997	0.006	-0.004	-0.25	0.35
28	6.500	0.971	1017.32	1430.4	515.7	83.4	0.968	0.998	1.001	0.006	0.998	0.005	-0.004	-0.22	0.30
29	7.000	0.974	1019.84	1430.5	517.0	83.4	0.974	1.000	1.001	0.002	1.000	0.005	-0.003	-0.18	0.28
30	7.500	0.974	1020.29	1429.7	516.9	83.5	0.975	1.001	1.001	0.001	1.001	0.004	-0.003	-0.16	0.24
31	8.000	0.974	1019.92	1430.1	516.9	83.4	0.973	0.999	1.001	0.004	0.999	0.003	-0.003	-0.15	0.20
32	8.500	0.974	1019.72	1430.1	516.8	83.5	0.968	0.995	1.001	0.012	0.995	0.003	-0.002	-0.14	0.20
33	9.000	0.975	1020.96	1430.8	517.7	83.6	0.965	0.992	1.001	0.018	0.992	0.003	-0.003	-0.15	0.18
34	9.500	0.974	1020.54	1429.1	516.7	83.8	0.962	0.989	1.002	0.024	0.989	0.003	-0.003	-0.17	0.19
35	10.000	0.974	1020.30	1429.7	517.0	83.4	0.959	0.987	1.002	0.028	0.987	0.003	-0.003	-0.19	0.19
36	10.500	0.975	1021.28	1429.7	517.5	83.4	0.960	0.987	1.001	0.027	0.987	0.004	-0.003	-0.19	0.22
37	11.000	0.976	1021.82	1431.6	518.4	83.5	0.961	0.987	1.001	0.027	0.987	0.004	-0.004	-0.24	0.23
38	11.500	0.974	1020.25	1428.9	516.7	83.4	0.944	0.974	1.002	0.055	0.974	0.004	-0.004	-0.24	0.24
39	12.000	0.976	1021.49	1428.8	517.4	83.3	0.961	0.987	1.002	0.029	0.987	0.004	-0.005	-0.26	0.24
40	12.500	0.975	1021.90	1430.1	518.0	83.3	0.961	0.987	1.001	0.027	0.987	0.004	-0.005	-0.30	0.24
41	13.000	0.978	1023.78	1430.3	519.1	83.4	0.965	0.989	1.001	0.024	0.989	0.004	-0.005	-0.29	0.24
42	13.500	0.978	1023.74	1429.3	518.7	83.3	0.968	0.991	1.002	0.022	0.991	0.004	-0.005	-0.31	0.21
44	14.000	0.977	1022.50	1428.3	517.6	83.5	0.968	0.993	1.001	0.016	0.993	0.003	-0.006	-0.33	0.18
45	14.500	0.978	1023.14	1431.3	519.1	83.3	0.973	0.996	1.001	0.009	0.996	0.002	-0.005	-0.31	0.14
48	15.000	0.977	1023.05	1431.7	519.2	83.4	0.979	1.001	1.001	-0.001	1.001	0.001	-0.005	-0.29	0.08
49	15.500	0.978	1023.58	1430.1	518.9	83.3	0.981	1.002	1.002	-0.002	1.002	-0.000	-0.004	-0.25	-0.00

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1091	3.000	-5.00	66	10.00	-10.00	7-602	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
50	16.000	0.978	1023.78	1428.3	518.3	83.5	0.986	1.007	1.001	-0.013	1.007	-0.002	-0.003	-0.19	-0.09
51	16.500	0.978	1023.48	1432.5	519.7	83.5	0.993	1.013	1.001	-0.024	1.013	-0.004	-0.002	-0.10	-0.20
52	17.000	0.978	1023.51	1430.0	518.7	83.6	0.996	1.016	1.002	-0.029	1.016	-0.006	0.000	0.02	-0.32
53	17.500	0.978	1023.78	1429.0	519.3	83.4	1.003	1.022	1.002	-0.041	1.022	-0.008	0.003	0.15	-0.44
54	18.000	0.977	1022.64	1429.5	516.0	83.8	1.009	1.028	1.001	-0.053	1.028	-0.010	0.006	0.31	-0.56
55	18.500	0.972	1018.76	1428.8	515.7	83.7	1.017	1.038	1.002	-0.074	1.038	-0.013	0.009	0.51	-0.72
56	19.000	0.977	1022.73	1432.2	516.4	83.6	1.031	1.046	1.001	-0.091	1.046	-0.015	0.013	0.72	-0.84
58	19.500	0.978	1024.18	1430.8	519.4	83.7	1.046	1.057	1.001	-0.113	1.057	-0.017	0.017	0.91	-0.94
68	20.000	0.976	1021.50	1429.9	517.8	83.3	1.061	1.072	1.002	-0.142	1.072	-0.020	0.023	1.20	-1.09
69	20.500	0.976	1021.79	1429.0	517.5	83.5	1.032	1.048	1.001	-0.094	1.047	-0.024	0.024	1.31	-1.34
70	21.000	0.978	1023.66	1429.9	519.0	83.4	0.944	0.970	1.001	0.061	0.969	-0.023	0.019	1.11	-1.38
72	21.500	0.973	1019.57	1430.4	516.7	83.7	0.932	0.964	1.001	0.073	0.964	-0.021	0.015	0.89	-1.24
73	22.000	0.971	1017.86	1429.8	515.5	83.8	0.937	0.970	1.002	0.063	0.970	-0.019	0.013	0.75	-1.09
74	22.500	0.974	1020.33	1430.8	517.2	83.9	0.937	0.969	1.001	0.065	0.968	-0.018	0.012	0.70	-1.07
75	23.000	0.975	1021.51	1431.8	518.3	83.6	0.939	0.968	1.001	0.065	0.968	-0.017	0.011	0.67	-1.03
76	23.500	0.977	1023.18	1430.5	518.7	83.7	0.942	0.969	1.000	0.062	0.969	-0.017	0.011	0.64	-1.00
77	24.000	0.978	1024.01	1430.0	519.0	83.5	0.943	0.970	1.001	0.063	0.969	-0.016	0.011	0.63	-0.97

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1092	3.000	-5.00	68	-10.00	-10.00	7-603	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
7	-6.000	0.976	1022.18	1429.8	518.0	83.5	0.968	0.993	1.000	0.015	0.993	0.002	0.002	0.09	0.14
8	-4.000	0.975	1021.09	1430.8	517.8	83.4	0.963	0.990	1.001	0.021	0.990	0.002	0.006	0.36	0.09
9	-2.000	0.971	1017.90	1428.6	515.2	83.6	0.944	0.976	1.002	0.051	0.976	0.000	0.006	0.34	0.03
11	0.000	0.972	1018.35	1431.2	516.5	83.8	0.943	0.975	1.001	0.051	0.975	-0.001	0.004	0.22	-0.05
12	2.000	0.972	1018.54	1429.4	515.9	83.6	0.943	0.975	1.002	0.053	0.975	-0.003	0.002	0.10	-0.18
14	4.000	0.974	1020.60	1430.3	517.1	83.9	0.963	0.991	1.001	0.021	0.991	-0.004	0.001	0.04	-0.26
15	6.000	0.973	1019.47	1433.4	517.6	84.0	0.970	0.997	1.001	0.007	0.997	-0.003	0.000	0.02	-0.20
16	8.000	0.971	1018.01	1430.8	516.0	83.7	0.969	0.998	1.001	0.006	0.998	-0.001	0.001	0.08	-0.04
17	10.000	0.976	1021.99	1432.3	518.7	83.7	0.965	0.990	1.001	0.021	0.990	-0.001	0.001	0.06	-0.04
18	12.000	0.977	1023.34	1428.5	518.0	83.8	0.951	0.986	1.002	0.030	0.986	-0.001	-0.001	-0.03	-0.06
19	14.000	0.977	1022.97	1432.7	519.5	83.3	0.972	0.995	1.000	0.010	0.995	-0.000	-0.002	-0.10	-0.02
21	16.000	0.976	1021.93	1429.1	517.5	83.8	0.989	1.011	1.001	-0.020	1.011	0.004	0.001	0.06	0.25
22	18.000	0.978	1023.78	1429.2	518.7	83.4	1.013	1.030	1.002	-0.056	1.029	0.014	0.010	0.54	0.78
23	20.000	0.977	1023.01	1430.7	518.8	83.4	1.067	1.075	1.020	-0.150	1.075	0.025	0.026	1.39	1.34
26	22.000	0.976	1022.39	1431.4	518.6	83.7	0.935	0.965	1.000	0.071	0.964	0.022	0.016	0.94	1.29
28	24.000	0.976	1022.33	1430.2	518.1	83.8	0.943	0.971	1.002	0.060	0.971	0.020	0.013	0.78	1.17

TEST	PART	REXIC-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1095	3.003	0.00	69	0.00	-5.00	6-401	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
9	9.000	1.023	1058.20	1397.1	526.3	78.6	1.097	1.059	1.001	-0.116	1.059	0.001	0.009	0.49	0.06
10	9.666	1.026	1061.01	1392.1	525.8	78.7	1.118	1.072	1.001	-0.143	1.072	0.001	0.015	0.80	0.05
12	10.333	1.026	1060.32	1395.2	526.7	78.6	1.101	1.060	1.000	-0.119	1.060	0.002	0.014	0.76	0.09
13	11.000	1.027	1061.56	1394.7	527.0	78.6	0.993	0.973	1.000	0.054	0.973	0.001	-0.003	-0.16	0.04
14	11.666	1.028	1062.79	1395.9	527.8	78.6	0.961	0.945	1.001	0.111	0.945	0.001	-0.010	-0.61	0.04
15	12.333	1.024	1059.06	1392.8	525.1	76.7	0.960	0.947	1.001	0.108	0.947	0.000	-0.012	-0.71	0.02
16	13.000	1.026	1062.86	1394.3	527.5	78.7	0.971	0.953	1.000	0.095	0.953	0.000	-0.011	-0.68	0.02
19	13.666	1.023	1058.19	1394.4	525.4	78.6	0.973	0.959	1.002	0.085	0.959	0.000	-0.009	-0.51	0.03
20	14.333	1.027	1060.98	1392.9	526.1	78.5	0.983	0.965	1.001	0.072	0.965	0.000	-0.005	-0.30	0.01
21	15.000	1.025	1060.03	1395.8	526.7	78.6	0.997	0.977	1.001	0.048	0.977	0.001	0.000	0.01	0.04
22	15.666	1.030	1063.47	1394.6	527.9	78.5	1.010	0.984	1.001	0.033	0.984	0.001	0.006	0.35	0.05
24	16.333	1.020	1055.69	1392.7	523.5	78.6	1.031	1.008	1.001	-0.015	1.008	0.001	0.012	0.69	0.08
25	17.000	1.023	1058.30	1397.1	526.4	78.6	1.055	1.025	1.000	-0.051	1.025	0.002	0.018	1.00	0.10
26	17.666	1.026	1062.51	1394.2	527.4	79.5	1.077	1.039	1.000	-0.076	1.038	0.001	0.025	1.38	0.08
28	18.333	1.027	1061.24	1393.9	525.5	78.8	1.101	1.058	1.000	-0.117	1.058	0.001	0.032	1.74	0.06
29	19.000	1.027	1061.24	1396.4	527.5	79.7	1.118	1.072	1.000	-0.144	1.071	0.001	0.038	2.02	0.07

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1099	3.000	0.00	60	0.00	-3.00	6-405	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	9.000	1.023	1058.18	1396.7	526.0	79.0	1.095	1.057	0.997	-0.117	1.057	-0.004	0.009	0.48	-0.23
4	9.333	1.022	1057.98	1396.5	525.8	79.1	1.114	1.072	1.001	-0.143	1.072	0.004	0.011	0.59	0.22
5	9.666	1.024	1059.44	1396.8	526.6	79.1	1.092	1.054	0.999	-0.109	1.054	0.004	0.009	0.47	0.20
6	10.000	1.025	1060.01	1395.6	526.4	79.1	1.077	1.041	1.001	-0.091	1.041	0.004	0.005	0.30	0.22
7	10.333	1.026	1060.68	1395.9	526.9	78.9	1.032	1.005	1.001	-0.008	1.005	0.003	-0.001	-0.06	0.18
8	10.666	1.027	1061.77	1395.3	527.3	78.8	0.986	0.966	1.001	0.069	0.966	0.003	-0.007	-0.43	0.19
9	11.000	1.029	1063.74	1394.0	528.4	78.9	0.962	0.945	1.000	0.110	0.945	0.003	-0.012	-0.74	0.18
11	11.333	1.024	1058.97	1395.9	526.1	79.0	0.962	0.949	1.002	0.104	0.949	0.003	-0.014	-0.83	0.17
15	11.666	1.026	1060.56	1397.4	527.5	78.8	0.945	0.933	1.001	0.136	0.933	0.003	-0.013	-0.81	0.19
16	12.000	1.029	1063.42	1394.8	527.9	78.8	0.963	0.946	1.001	0.110	0.946	0.003	-0.014	-0.87	0.17
17	12.333	1.027	1061.37	1395.5	527.1	78.9	0.966	0.951	1.001	0.100	0.951	0.003	-0.014	-0.83	0.18
18	12.666	1.028	1062.75	1397.0	528.4	78.8	0.973	0.955	1.001	0.092	0.955	0.003	-0.013	-0.79	0.19
20	13.000	1.028	1062.94	1396.0	528.0	78.9	0.981	0.962	1.001	0.078	0.961	0.003	-0.012	-0.73	0.18
21	13.333	1.025	1059.81	1395.0	526.2	78.8	0.980	0.964	1.002	0.076	0.964	0.003	-0.010	-0.59	0.18
22	13.666	1.027	1061.50	1394.4	526.8	78.9	0.986	0.967	1.002	0.068	0.967	0.003	-0.008	-0.48	0.16
25	14.000	1.027	1061.25	1397.2	527.8	78.8	0.997	0.976	1.001	0.050	0.976	0.003	-0.006	-0.34	0.15
26	14.333	1.024	1058.81	1395.2	525.8	78.9	0.994	0.976	1.001	0.050	0.976	0.003	-0.003	-0.20	0.16
27	14.666	1.026	1060.61	1395.2	526.7	78.9	1.003	0.982	1.001	0.038	0.982	0.003	-0.000	-0.01	0.17
28	15.000	1.028	1062.35	1397.0	528.2	78.9	1.012	0.988	1.001	0.027	0.988	0.003	0.003	0.17	0.18
29	15.333	1.026	1060.93	1393.5	526.2	78.8	1.023	0.997	1.002	0.008	0.997	0.003	0.006	0.33	0.18
30	15.666	1.025	1061.31	1397.7	527.9	79.0	1.033	1.005	1.000	-0.009	1.005	0.004	0.009	0.53	0.22
31	16.000	1.027	1061.83	1396.2	527.6	79.0	1.046	1.015	1.002	-0.027	1.015	0.004	0.013	0.75	0.21
33	16.333	1.025	1060.21	1395.2	526.5	78.8	1.066	1.032	1.001	-0.063	1.032	0.004	0.018	0.98	0.24
34	16.666	1.025	1060.51	1395.0	525.5	78.9	1.076	1.040	1.000	-0.079	1.040	0.004	0.021	1.15	0.22
35	17.000	1.028	1062.22	1395.0	527.3	78.9	1.093	1.052	1.001	-0.102	1.052	0.004	0.026	1.41	0.31
37	17.333	1.026	1060.92	1395.2	526.8	78.8	1.107	1.063	1.000	-0.127	1.063	0.004	0.029	1.58	0.24
38	17.666	1.027	1061.99	1396.7	527.8	79.0	1.114	1.068	0.999	-0.138	1.068	0.004	0.032	1.70	0.24
39	18.000	1.029	1063.50	1396.3	528.5	78.9	1.124	1.074	1.000	-0.147	1.073	0.004	0.035	1.88	0.20
41	18.333	1.025	1060.07	1395.7	526.5	79.0	1.127	1.080	0.999	-0.161	1.079	0.004	0.036	1.89	0.21
42	18.666	1.025	1060.24	1398.0	527.5	79.1	1.103	1.062	0.999	-0.125	1.062	0.004	0.028	1.80	0.24
43	19.000	1.026	1061.19	1394.2	526.5	79.1	1.016	0.991	1.000	0.017	0.991	0.005	0.015	0.86	0.28

TEST	PART	REX10-6	ALFA	WING	Y	Z	PUV SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TF-484	1100	2.999	0.00	68	0.00	-2.00	6-496	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
9	9.000	1.023	1058.32	1396.2	525.9	79.0	1.084	1.049	0.998	-0.100	1.049	0.003	-0.005	-0.27	0.14
10	9.333	1.025	1060.15	1399.9	528.1	79.1	1.077	1.041	0.998	-0.085	1.041	0.003	-0.005	-0.25	0.14
11	9.666	1.025	1059.81	1395.2	526.3	78.9	1.067	1.034	1.000	-0.068	1.034	0.002	-0.004	-0.20	0.12
12	10.000	1.027	1061.63	1395.6	527.3	78.8	1.067	1.032	1.000	-0.064	1.032	0.003	-0.005	-0.28	0.16
13	10.333	1.028	1062.91	1394.8	527.4	79.1	1.046	1.015	1.001	-0.028	1.015	0.003	-0.007	-0.40	0.16
15	10.666	1.027	1061.28	1395.9	527.3	78.6	1.014	0.990	1.002	0.023	0.990	0.003	-0.009	-0.51	0.17
16	11.000	1.028	1062.16	1394.7	527.2	78.8	0.988	0.968	1.001	0.066	0.968	0.003	-0.009	-0.53	0.17
17	11.333	1.029	1062.57	1395.1	527.6	78.8	0.981	0.961	1.002	0.080	0.961	0.002	-0.009	-0.55	0.14
18	11.666	1.021	1056.63	1394.7	524.5	79.0	0.972	0.960	1.002	0.082	0.960	0.003	-0.010	-0.57	0.15
19	12.000	1.021	1056.52	1396.0	525.2	78.9	0.974	0.961	1.002	0.081	0.961	0.003	-0.009	-0.53	0.17
20	12.333	1.022	1057.24	1394.9	524.9	78.9	0.979	0.965	1.002	0.072	0.965	0.003	-0.008	-0.49	0.17
21	12.666	1.025	1059.64	1395.5	526.4	79.0	0.991	0.972	1.001	0.057	0.972	0.003	-0.007	-0.43	0.18
22	13.000	1.026	1060.65	1397.2	527.3	79.1	1.003	0.982	1.001	0.038	0.982	0.003	-0.006	-0.35	0.19
23	13.333	1.027	1061.60	1396.7	527.7	78.8	1.009	0.986	1.002	0.031	0.986	0.002	-0.004	-0.25	0.14
24	13.666	1.028	1063.51	1394.2	527.7	78.6	1.019	0.992	1.001	0.018	0.992	0.002	-0.003	-0.15	0.14
25	14.000	1.025	1059.59	1394.0	525.7	78.9	1.023	0.999	1.002	0.005	0.999	0.003	-0.001	-0.04	0.15
26	14.333	1.025	1059.74	1396.6	525.7	79.0	1.029	1.003	1.002	-0.004	1.003	0.002	0.001	0.07	0.13
27	14.666	1.026	1061.07	1395.3	526.9	78.9	1.038	1.010	1.002	-0.017	1.010	0.002	0.004	0.22	0.14
28	15.000	1.028	1063.67	1394.9	528.0	78.9	1.054	1.019	1.001	-0.037	1.019	0.003	0.006	0.33	0.16
30	15.333	1.024	1059.73	1396.6	526.7	79.1	1.060	1.029	1.002	-0.055	1.029	0.003	0.008	0.44	0.17
31	15.666	1.025	1059.74	1396.6	526.9	79.0	1.057	1.034	1.001	-0.066	1.034	0.003	0.010	0.56	0.17
37	16.000	1.028	1062.44	1396.6	528.0	79.1	1.078	1.040	1.001	-0.080	1.040	0.003	0.012	0.64	0.18
35	16.333	1.027	1061.65	1397.0	527.7	79.1	1.087	1.048	1.002	-0.093	1.048	0.004	0.013	0.72	0.22
39	16.666	1.026	1061.05	1397.4	527.6	79.0	1.092	1.052	1.000	-0.104	1.052	0.004	0.015	0.81	0.21
40	17.000	1.025	1063.77	1395.1	528.1	78.9	1.098	1.054	1.001	-0.107	1.054	0.004	0.016	0.85	0.21
43	17.333	1.028	1062.58	1395.7	527.7	79.1	1.102	1.058	1.000	-0.117	1.058	0.004	0.017	0.92	0.24
45	17.666	1.024	1059.67	1398.2	527.2	79.1	1.106	1.064	1.000	-0.128	1.064	0.004	0.018	0.97	0.22
46	18.000	1.023	1058.54	1394.2	525.2	79.1	1.104	1.064	1.000	-0.120	1.064	0.004	0.017	0.93	0.21
47	18.333	1.028	1062.64	1396.6	528.0	79.1	1.096	1.054	0.999	-0.108	1.053	0.004	0.015	0.84	0.24
51	18.666	1.025	1059.41	1395.7	526.2	79.1	1.066	1.033	1.001	-0.064	1.033	0.004	0.012	0.65	0.25
52	19.000	1.026	1060.78	1399.0	528.0	79.2	1.049	1.019	1.000	-0.038	1.019	0.005	0.010	0.56	0.28

AD-A062 274 NIELSEN ENGINEERING AND RESEARCH INC MOUNTAIN VIEW CALIF F/G 1/3
DATA REPORT FOR A TEST PROGRAM TO STUDY TRANSONIC FLOW FIELDS A--ETC(U)
JUL 77 S C PERKINS, S S STAHARA, M J HEMSCH F44620-75-C-0047
UNCLASSIFIED NEAR-TR-138-VOL-5 AFOSR-TR-78-1489 NL

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TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1096	2.995	0.00	68	2.00	-5.00	6-407	2- 8-77	TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UL/VW	VL/VW	WL/VW	AAL	SWL
5	10.333	1.020	1055.42	1393.9	523.8	78.6	1.092	1.058	1.001	-0.114	1.058	-0.002	0.009	0.47	-0.13
7	11.000	1.028	1059.60	1391.7	525.1	78.4	1.025	0.984	1.001	0.033	0.984	0.001	-0.005	-0.31	0.06
8	11.666	1.028	1060.53	1393.1	526.1	78.3	0.963	0.948	1.001	0.106	0.948	0.003	-0.014	-0.86	0.16
9	12.333	1.024	1055.94	1393.8	525.7	78.3	0.963	0.950	1.001	0.102	0.950	0.002	-0.016	-0.98	0.14
10	13.000	1.027	1061.20	1396.5	527.6	78.5	0.972	0.956	1.001	0.091	0.955	0.002	-0.015	-0.91	0.11
13	13.666	1.029	1062.81	1394.0	527.4	78.5	0.978	0.958	1.002	0.086	0.958	0.001	-0.014	-0.82	0.05
14	14.333	1.026	1059.04	1393.7	525.6	78.4	0.980	0.964	1.002	0.074	0.964	-0.000	-0.010	-0.58	-0.02
15	15.000	1.023	1058.71	1395.2	525.7	78.5	1.000	0.981	1.001	0.039	0.981	-0.001	-0.005	-0.31	-0.08
17	15.666	1.025	1059.49	1391.1	524.9	78.2	1.011	0.988	1.002	0.026	0.988	-0.002	0.001	0.06	-0.12
18	16.333	1.023	1057.59	1394.4	525.2	78.2	1.031	1.006	1.001	-0.011	1.006	-0.002	0.008	0.43	-0.13
19	17.000	1.029	1052.76	1393.9	527.5	78.2	1.053	1.019	1.000	-0.038	1.019	-0.002	0.015	0.82	-0.14
21	17.666	1.026	1060.41	1391.9	525.6	78.2	1.076	1.040	1.000	-0.079	1.039	-0.003	0.022	1.19	-0.16
22	18.333	1.022	1056.52	1393.1	524.3	78.3	1.101	1.063	1.001	-0.124	1.062	-0.003	0.029	1.54	-0.14
24	19.000	1.028	1062.49	1393.8	527.2	78.5	1.121	1.073	1.001	-0.143	1.072	-0.002	0.035	1.89	-0.12

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1101	3.002	0.00	68	2.00	-3.00	6-407	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VPL/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	10.000	1.023	1057.80	1397.1	526.1	78.8	1.087	1.051	0.999	-0.104	1.051	0.001	0.007	0.39	0.05
5	10.333	1.023	1057.60	1394.6	525.2	78.9	1.037	1.012	1.001	-0.023	1.012	0.003	0.000	0.00	0.20
6	10.666	1.026	1060.53	1396.0	526.9	78.9	0.984	0.966	1.000	0.048	0.966	0.005	-0.008	-0.46	0.30
7	11.000	1.026	1061.17	1395.7	527.1	78.9	0.960	0.946	1.001	0.110	0.946	0.006	-0.013	-0.80	0.36
8	11.333	1.028	1062.58	1395.9	527.8	79.0	0.944	0.932	1.001	0.138	0.931	0.006	-0.018	-1.08	0.36
9	11.666	1.029	1063.79	1396.1	528.4	79.0	0.944	0.930	1.000	0.141	0.930	0.005	-0.020	-1.20	0.34
11	12.000	1.024	1058.90	1394.8	525.7	78.8	0.944	0.934	1.002	0.135	0.934	0.005	-0.020	-1.24	0.33
12	12.333	1.026	1060.98	1395.7	527.1	78.8	0.962	0.948	1.000	0.105	0.948	0.005	-0.020	-1.22	0.28
13	12.666	1.026	1061.39	1396.9	527.6	79.0	0.966	0.952	1.001	0.098	0.952	0.004	-0.020	-1.18	0.21
14	13.000	1.028	1062.42	1395.2	527.6	78.8	0.973	0.955	1.001	0.091	0.955	0.003	-0.018	-1.10	0.17
15	13.333	1.024	1059.52	1396.0	526.4	79.0	0.978	0.962	1.002	0.079	0.962	0.002	-0.017	-1.02	0.13
16	13.666	1.021	1056.81	1395.8	525.0	79.0	0.975	0.963	1.001	0.076	0.962	0.001	-0.014	-0.84	0.03
17	14.000	1.023	1058.49	1397.1	526.4	78.9	0.984	0.968	1.001	0.066	0.968	0.000	-0.012	-0.69	0.02
18	14.333	1.024	1059.23	1394.1	525.5	79.0	0.992	0.974	1.003	0.056	0.974	-0.000	-0.008	-0.49	-0.01
19	14.666	1.028	1062.73	1396.0	527.7	79.0	1.005	0.981	1.002	0.039	0.981	-0.000	-0.004	-0.23	-0.01
22	15.000	1.027	1061.48	1395.7	527.2	78.9	1.016	0.992	1.001	0.018	0.992	-0.000	0.001	0.06	-0.02
23	15.333	1.026	1060.49	1396.5	527.1	78.9	1.024	0.998	1.001	0.004	0.998	-0.000	0.006	0.32	-0.01
25	15.666	1.028	1062.79	1395.7	527.8	79.1	1.050	1.017	1.001	-0.034	1.017	-0.000	0.011	0.62	-0.02
26	16.000	1.027	1061.53	1396.0	527.3	79.1	1.062	1.028	1.001	-0.055	1.028	-0.000	0.016	0.90	-0.00
27	16.333	1.030	1063.49	1397.1	528.6	79.1	1.077	1.038	1.001	-0.075	1.038	0.000	0.021	1.16	0.03
29	16.666	1.025	1060.42	1395.4	526.8	78.8	1.091	1.051	1.000	-0.103	1.051	0.001	0.026	1.41	0.05
30	17.000	1.026	1061.03	1396.2	527.7	78.9	1.099	1.057	1.000	-0.114	1.057	0.001	0.030	1.62	0.08
31	17.333	1.030	1053.50	1396.7	528.8	78.9	1.112	1.065	0.999	-0.131	1.064	0.002	0.035	1.86	0.09
32	17.666	1.026	1060.87	1395.3	526.8	78.9	1.123	1.076	0.999	-0.152	1.075	0.003	0.039	2.05	0.15
33	18.000	1.026	1060.87	1395.7	526.9	79.0	1.130	1.082	0.999	-0.164	1.081	0.004	0.041	2.18	0.23
34	18.333	1.027	1062.10	1396.9	527.9	79.0	1.134	1.083	1.000	-0.166	1.083	0.005	0.044	2.30	0.28
36	18.666	1.024	1059.64	1394.3	525.8	79.0	1.095	1.056	0.998	-0.113	1.055	0.006	0.031	1.69	0.31
37	19.000	1.025	1050.30	1397.5	527.3	79.1	1.012	0.989	0.999	0.020	0.989	0.004	0.017	0.96	0.26

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1102	2.999	0.00	68	2.00	-2.00	6-408	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	C	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
8	10.000	1.028	1062.41	1394.8	527.3	79.1	1.086	1.054	0.999	-0.108	1.054	0.005	0.004	0.24	0.25
9	10.333	1.023	1058.59	1397.3	526.4	79.1	1.005	0.985	1.000	0.030	0.985	0.009	-0.005	-0.30	0.50
13	10.666	1.021	1056.47	1396.5	525.1	79.0	0.969	0.956	1.001	0.089	0.956	0.010	-0.014	-0.81	0.59
15	11.000	1.023	1055.07	1396.3	525.8	79.0	0.944	0.935	1.002	0.132	0.935	0.009	-0.020	-1.24	0.57
16	11.333	1.027	1061.88	1394.3	527.7	78.9	0.940	0.928	1.001	0.144	0.928	0.008	-0.024	-1.50	0.49
18	11.666	1.028	1063.60	1396.5	528.6	78.8	0.942	0.929	1.000	0.143	0.928	0.006	-0.028	-1.73	0.38
19	12.000	1.029	1063.67	1395.0	527.9	79.0	0.944	0.930	1.001	0.141	0.929	0.004	-0.028	-1.73	0.28
20	12.333	1.027	1061.87	1397.8	528.2	78.8	0.967	0.951	1.001	0.099	0.951	0.003	-0.028	-1.68	0.16
21	12.666	1.023	1058.58	1396.5	526.2	78.8	0.965	0.952	1.001	0.097	0.951	0.001	-0.025	-1.49	0.04
22	13.000	1.025	1059.94	1396.4	526.6	78.8	0.973	0.958	1.001	0.086	0.957	0.000	-0.022	-1.34	0.00
23	13.333	1.027	1061.32	1395.2	527.0	78.8	0.983	0.965	1.001	0.072	0.964	-0.001	-0.020	-1.17	-0.04
24	13.666	1.028	1062.37	1395.3	527.6	78.8	0.991	0.970	1.002	0.062	0.970	-0.001	-0.016	-0.96	-0.07
28	14.000	1.024	1059.22	1395.6	526.2	78.8	0.995	0.976	1.001	0.050	0.976	-0.002	-0.012	-0.72	-0.11
29	14.333	1.025	1060.20	1397.5	527.3	79.0	1.004	0.983	1.001	0.036	0.983	-0.002	-0.008	-0.44	-0.11
30	14.666	1.026	1061.07	1395.3	526.9	79.0	1.009	0.986	1.002	0.030	0.986	-0.001	-0.002	-0.13	-0.08
31	15.000	1.029	1063.38	1395.7	528.1	78.9	1.029	1.000	1.002	0.002	1.000	0.001	0.005	0.29	0.00
32	15.333	1.024	1057.43	1393.7	525.5	78.9	1.040	1.013	1.001	-0.024	1.013	0.003	0.012	0.65	0.16
33	15.666	1.025	1060.08	1396.7	527.0	78.8	1.060	1.028	1.001	-0.055	1.028	0.004	0.018	1.03	0.22
34	16.000	1.028	1062.34	1396.2	527.9	78.8	1.083	1.043	1.000	-0.086	1.043	0.004	0.025	1.37	0.24
35	16.333	1.024	1059.40	1394.8	526.0	78.8	1.099	1.059	1.000	-0.119	1.059	0.005	0.031	1.70	0.29
37	16.666	1.024	1059.19	1396.5	526.6	79.0	1.111	1.068	1.000	-0.136	1.067	0.007	0.036	1.95	0.30
39	17.000	1.027	1061.71	1394.8	527.0	78.9	1.123	1.075	0.999	-0.150	1.074	0.008	0.041	2.19	0.42
40	17.333	1.022	1056.95	1395.3	525.0	79.0	1.133	1.085	1.000	-0.170	1.085	0.010	0.045	2.39	0.51
41	17.666	1.024	1059.43	1396.2	526.4	79.0	1.137	1.089	0.998	-0.179	1.088	0.012	0.047	2.50	0.62
42	18.000	1.027	1061.66	1397.8	528.1	79.0	1.127	1.078	0.998	-0.158	1.077	0.015	0.045	2.41	0.78
43	18.333	1.020	1063.58	1395.5	528.2	78.8	1.058	1.023	0.998	-0.048	1.022	0.015	0.029	1.65	0.83
44	18.666	1.022	1057.40	1397.1	525.8	79.0	0.989	0.981	0.998	0.034	0.981	0.011	0.018	1.06	0.67
45	19.000	1.024	1058.99	1394.4	525.6	78.8	0.996	0.977	1.001	0.047	0.977	0.008	0.011	0.67	0.47

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1103	3.001	0.00	68	2.00	-1.00	6-409	2- 8-77	

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPT	UL/VM	VL/VM	WL/VM	AAL	SWL
1	10.000	1.026	1062.37	1395.4	576.6	78.8	1.037	1.009	1.001	-0.016	1.009	0.011	0.000	0.01	0.63
4	10.333	1.027	1061.61	1397.5	577.9	79.0	1.007	0.984	1.000	0.032	0.984	0.015	-0.008	-0.45	0.86
5	10.666	1.028	1062.40	1396.7	578.7	78.9	0.939	0.927	1.000	0.146	0.926	0.018	-0.023	-1.40	1.09
6	11.000	1.029	1062.97	1395.2	577.8	78.8	0.930	0.919	1.002	0.165	0.918	0.016	-0.040	-2.40	1.00
7	11.333	1.027	1061.91	1394.6	577.7	78.8	0.929	0.918	1.002	0.164	0.918	0.009	-0.050	-3.09	0.55
8	11.666	1.027	1061.90	1394.7	577.8	78.9	0.935	0.924	1.001	0.154	0.923	0.002	-0.051	-3.19	0.13
9	12.000	1.028	1062.11	1394.8	577.3	78.8	0.941	0.929	1.002	0.144	0.928	-0.003	-0.050	-3.07	-0.17
11	12.333	1.025	1060.05	1394.7	576.2	78.9	0.968	0.953	1.001	0.096	0.952	-0.006	-0.045	-2.72	-0.35
12	12.666	1.026	1060.60	1397.1	577.3	79.0	0.980	0.963	1.001	0.076	0.962	-0.008	-0.039	-2.35	-0.45
13	13.000	1.026	1060.84	1396.8	577.4	78.9	0.984	0.966	1.001	0.071	0.965	-0.008	-0.033	-1.97	-0.50
15	13.333	1.029	1043.53	1395.6	578.1	78.8	0.994	0.972	1.001	0.058	0.971	-0.009	-0.028	-1.62	-0.51
17	13.666	1.024	1055.64	1394.8	576.4	78.7	0.997	0.978	1.001	0.045	0.978	-0.008	-0.021	-1.25	-0.46
18	14.000	1.026	1058.97	1395.9	576.1	78.9	1.003	0.983	1.001	0.035	0.983	-0.007	-0.015	-0.88	-0.41
19	14.333	1.025	1058.77	1395.5	576.5	78.8	1.014	0.991	1.001	0.019	0.991	-0.006	-0.008	-0.46	-0.33
20	14.666	1.028	1062.49	1396.1	577.9	78.9	1.026	0.998	1.001	0.005	0.998	-0.003	0.000	0.02	-0.19
23	15.000	1.025	1059.76	1394.1	575.8	78.8	1.041	1.013	1.002	-0.073	1.013	0.001	0.009	0.49	0.08
24	15.333	1.024	1059.38	1397.1	576.7	79.1	1.044	1.016	1.000	-0.031	1.015	0.004	0.016	0.90	0.25
25	15.666	1.026	1060.90	1396.9	577.5	78.8	1.053	1.021	1.000	-0.042	1.021	0.009	0.023	1.27	0.49
26	16.000	1.028	1062.25	1393.9	577.0	78.8	1.058	1.024	1.001	-0.048	1.024	0.012	0.028	1.57	0.69
27	16.333	1.026	1060.40	1394.8	576.4	78.9	1.067	1.033	1.000	-0.065	1.032	0.017	0.033	1.85	0.93
28	16.666	1.028	1060.17	1395.5	574.6	78.9	1.065	1.032	0.999	-0.069	1.031	0.019	0.037	2.07	1.07
29	17.000	1.028	1043.03	1395.8	528.1	78.8	1.070	1.033	0.998	-0.068	1.032	0.022	0.040	2.23	1.22
30	17.333	1.023	1057.91	1395.6	575.5	78.9	1.072	1.039	1.000	-0.079	1.038	0.024	0.042	2.34	1.35
31	17.666	1.027	1051.81	1397.5	578.0	79.1	1.071	1.035	0.998	-0.073	1.034	0.026	0.043	2.35	1.44
32	18.000	1.028	1063.47	1395.7	578.1	78.9	1.044	1.011	0.999	-0.024	1.010	0.024	0.037	2.12	1.38
36	18.333	1.022	1057.51	1395.6	575.3	79.0	1.021	0.999	0.999	0.001	0.998	0.018	0.029	1.65	1.05
37	18.666	1.020	1063.05	1397.0	578.4	79.0	1.018	0.992	1.000	0.016	0.992	0.011	0.021	1.22	0.66
39	19.000	1.028	1067.71	1394.6	577.4	78.9	1.014	0.989	1.001	0.024	0.988	0.008	0.016	0.96	0.44

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TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1097	2.909	0.00	68	4.00	-5.00	6	-403	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
9	10.500	1.026	1060.23	1392.7	525.8	78.3	1.100	1.059	1.000	-0.117	1.059	-0.005	0.009	0.49	-0.28
10	11.000	1.028	1042.10	1393.6	527.1	78.1	1.067	1.030	1.000	-0.061	1.030	-0.003	0.003	0.18	-0.17
25	10.500	1.027	1056.91	1395.8	525.2	76.8	1.092	1.056	0.999	-0.113	1.056	-0.002	0.008	0.45	-0.12
26	11.000	1.022	1057.56	1397.0	525.9	78.9	1.028	1.005	1.000	-0.010	1.005	0.001	-0.001	-0.04	0.05
27	11.500	1.024	1058.68	1394.5	526.3	78.8	0.966	0.953	1.001	0.096	0.952	0.005	-0.008	-0.50	0.31
28	12.000	1.026	1060.67	1395.5	526.8	78.8	0.960	0.946	1.001	0.108	0.946	0.007	-0.011	-0.67	0.41
29	12.500	1.028	1062.55	1396.4	528.1	78.8	0.964	0.948	1.001	0.106	0.947	0.007	-0.013	-0.78	0.41
33	13.000	1.030	1063.81	1394.2	527.9	76.7	0.967	0.949	1.001	0.102	0.949	0.006	-0.014	-0.82	0.38
34	13.500	1.024	1059.29	1396.9	526.7	78.8	0.965	0.952	1.001	0.098	0.951	0.005	-0.013	-0.76	0.31
35	14.000	1.025	1060.16	1394.9	526.4	78.8	0.970	0.955	1.001	0.091	0.955	0.003	-0.011	-0.66	0.21
36	14.500	1.028	1052.70	1393.8	527.1	78.9	0.984	0.964	1.003	0.076	0.964	0.002	-0.010	-0.58	0.12
37	15.000	1.023	1058.67	1395.8	525.9	79.0	0.992	0.974	1.001	0.054	0.974	0.000	-0.006	-0.36	0.01
38	15.500	1.024	1059.43	1395.2	526.5	78.9	1.000	0.980	1.002	0.042	0.980	-0.002	-0.003	-0.15	-0.09
39	16.000	1.029	1063.09	1396.1	528.2	76.8	1.013	0.987	1.001	0.027	0.987	-0.003	0.002	0.12	-0.18
40	16.500	1.024	1058.33	1393.7	525.5	78.9	1.029	1.004	1.002	-0.005	1.004	-0.004	0.007	0.38	-0.24
41	17.000	1.027	1061.99	1395.5	527.8	78.8	1.047	1.016	1.001	-0.030	1.016	-0.006	0.013	0.71	-0.31
42	17.500	1.026	1060.81	1394.8	525.6	78.8	1.068	1.034	1.001	-0.066	1.033	-0.007	0.019	1.03	-0.37
43	18.000	1.029	1063.20	1396.7	528.4	78.9	1.090	1.048	1.000	-0.096	1.048	-0.007	0.025	1.38	-0.39
44	18.500	1.024	1058.64	1396.8	526.8	79.0	1.111	1.068	1.001	-0.136	1.068	-0.007	0.032	1.70	-0.38
45	19.000	1.027	1052.04	1395.6	527.8	79.0	1.134	1.083	0.999	-0.167	1.083	-0.006	0.038	2.01	-0.30

TEST	PART	REX10-6	ALFA	WING	Y	Z	PWS SURVEY
TC-484	1104	3.000	0.00	68	4.00	-3.00	6-410

DATE 2- 8-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
8	10.500	1.026	1041.01	1394.8	576.7	78.8	1.109	1.065	0.999	-0.131	1.065	-0.001	0.005	0.26	-0.06
23	10.500	1.028	1042.09	1396.1	577.7	78.8	1.055	1.022	0.999	-0.045	1.022	0.001	0.000	0.01	0.08
24	11.000	1.028	1062.79	1396.1	578.0	78.9	0.985	0.965	1.000	0.071	0.965	0.006	-0.009	-0.51	0.45
26	11.500	1.022	1057.54	1394.5	575.0	78.8	0.958	0.947	1.002	0.108	0.947	0.014	-0.015	-0.90	0.82
27	12.000	1.023	1058.36	1395.5	575.8	78.8	0.942	0.933	1.001	0.136	0.932	0.014	-0.018	-1.13	0.86
28	12.500	1.025	1059.48	1393.6	575.6	78.7	0.944	0.933	1.002	0.136	0.933	0.014	-0.021	-1.27	0.84
29	13.000	1.027	1061.45	1394.3	576.8	78.7	0.965	0.949	1.002	0.104	0.949	0.012	-0.022	-1.32	0.75
31	13.500	1.025	1040.05	1394.1	576.1	78.6	0.974	0.958	1.002	0.086	0.958	0.010	-0.022	-1.29	0.57
32	14.000	1.025	1059.70	1394.4	576.0	78.8	0.975	0.959	1.000	0.082	0.959	0.005	-0.019	-1.12	0.29
33	14.500	1.028	1062.00	1396.5	577.9	78.7	0.994	0.973	1.001	0.056	0.973	0.002	-0.015	-0.88	0.12
35	15.000	1.025	1058.93	1393.5	575.8	78.7	1.014	0.991	1.001	0.020	0.991	-0.002	-0.008	-0.47	-0.12
36	15.500	1.022	1056.94	1395.7	575.2	78.8	1.030	1.007	1.000	-0.013	1.007	-0.005	-0.000	-0.03	-0.28
37	16.000	1.026	1060.57	1395.3	576.8	78.7	1.054	1.022	1.002	-0.043	1.022	-0.007	0.007	0.41	-0.42
43	16.500	1.028	1062.03	1395.8	577.6	78.8	1.082	1.043	1.001	-0.085	1.043	-0.008	0.017	0.93	-0.46
45	17.000	1.027	1061.16	1394.7	576.8	78.8	1.109	1.065	1.000	-0.129	1.064	-0.010	0.027	1.44	-0.51
46	17.500	1.028	1063.39	1394.7	578.5	78.8	1.128	1.077	0.999	-0.155	1.077	-0.010	0.036	1.93	-0.53
48	18.000	1.027	1061.71	1394.8	577.1	78.8	1.148	1.094	0.998	-0.189	1.093	-0.008	0.045	2.35	-0.42
49	18.500	1.028	1063.03	1398.5	579.1	78.8	1.161	1.103	0.998	-0.207	1.102	-0.003	0.051	2.63	-0.14
50	19.000	1.026	1060.97	1395.3	576.8	78.9	1.012	0.988	0.997	0.020	0.988	0.005	0.017	0.98	0.27

TEST	PART	RFX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1105	2,995	0.00	68	6,00	-2,00	6-411	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
17	10.500	1.021	1056.43	1394.1	526.4	78.7	1.016	0.996	1.001	0.009	0.996	0.008	-0.003	-0.17	0.44
18	11.000	1.023	1058.37	1395.9	525.9	78.8	0.962	0.950	1.001	0.102	0.949	0.016	-0.010	-0.60	0.98
19	11.500	1.024	1058.67	1395.6	526.0	78.6	0.940	0.931	1.001	0.140	0.931	0.071	-0.016	-0.99	1.29
20	12.000	1.024	1060.46	1392.4	526.6	78.8	0.939	0.929	1.002	0.145	0.928	0.073	-0.022	-1.35	1.41
21	12.500	1.029	1063.08	1395.5	528.0	78.7	0.943	0.930	1.001	0.143	0.929	0.022	-0.027	-1.67	1.33
23	13.000	1.028	1062.58	1393.6	527.1	78.6	0.960	0.944	1.002	0.114	0.944	0.017	-0.030	-1.80	1.03
25	13.500	1.025	1059.65	1394.7	526.1	78.8	0.973	0.957	1.002	0.088	0.957	0.011	-0.030	-1.78	0.68
26	14.000	1.025	1059.64	1396.8	525.8	78.8	0.982	0.965	1.002	0.071	0.965	0.005	-0.025	-1.51	0.28
27	14.500	1.027	1061.25	1394.3	526.7	78.7	0.997	0.976	1.002	0.050	0.976	-0.001	-0.019	-1.14	-0.04
28	15.000	1.023	1058.13	1393.9	525.1	78.7	1.036	1.010	1.001	-0.019	1.010	-0.007	-0.007	-0.41	-0.40
29	15.500	1.028	1062.64	1396.4	526.1	78.9	1.066	1.030	1.001	-0.059	1.030	-0.010	0.004	0.22	-0.57
31	16.000	1.028	1047.03	1395.6	527.6	79.7	1.100	1.057	1.001	-0.113	1.057	-0.012	0.017	0.91	-0.65
32	16.500	1.024	1058.59	1391.5	524.4	78.6	1.121	1.077	1.000	-0.153	1.076	-0.014	0.029	1.54	-0.74
33	17.000	1.030	1064.08	1398.4	529.5	78.8	1.148	1.092	0.998	-0.185	1.091	-0.013	0.042	2.18	-0.68
35	17.500	1.026	1060.53	1393.3	526.0	78.7	1.163	1.107	0.999	-0.213	1.105	-0.011	0.052	2.70	-0.56
36	18.000	1.026	1060.77	1395.4	526.8	78.8	1.168	1.110	0.997	-0.222	1.109	-0.004	0.057	2.95	-0.23
37	18.500	1.027	1061.88	1395.5	527.4	78.8	1.062	1.027	0.997	-0.058	1.027	0.009	0.027	1.48	0.49
38	19.000	1.023	1058.43	1396.4	526.1	78.9	0.959	0.947	0.997	0.100	0.947	0.006	0.009	0.53	0.38

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RMW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1106	2.997	0.00	68	4.00	-1.00	6-412	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
2	10.500	1.022	1056.99	1395.0	524.9	78.8	0.987	0.972	1.000	0.056	0.972	0.013	-0.002	-0.14	0.74
3	11.000	1.026	1061.01	1395.0	526.4	78.8	0.944	0.933	1.001	0.137	0.932	0.021	-0.006	-0.40	1.32
4	11.500	1.029	1063.17	1394.9	527.8	78.6	0.937	0.925	1.001	0.151	0.924	0.031	-0.014	-0.84	1.89
5	12.000	1.025	1060.26	1395.1	525.5	78.6	0.932	0.923	1.002	0.157	0.922	0.038	-0.024	-1.47	2.38
6	12.500	1.026	1061.06	1394.9	526.8	78.8	0.979	0.920	1.002	0.163	0.918	0.038	-0.039	-2.41	2.36
7	13.000	1.029	1063.45	1394.4	528.5	78.6	0.937	0.924	1.001	0.153	0.923	0.025	-0.049	-3.05	1.83
8	13.500	1.021	1058.78	1394.4	524.6	78.8	0.944	0.936	1.001	0.130	0.934	0.008	-0.047	-2.90	0.51
9	14.000	1.024	1058.67	1395.9	525.0	78.8	0.985	0.969	1.001	0.065	0.966	-0.002	-0.039	-2.30	-0.14
10	14.500	1.027	1061.57	1395.1	527.1	78.8	1.009	0.986	1.001	0.031	0.985	-0.010	-0.027	-1.56	-0.61
11	15.000	1.023	1058.61	1395.6	525.9	78.9	1.023	1.000	1.001	0.002	0.999	-0.018	-0.012	-0.70	-1.04
12	15.500	1.026	1061.18	1396.1	527.3	78.9	1.079	1.042	1.000	-0.083	1.042	-0.021	0.005	0.25	-1.17
14	16.000	1.022	1056.94	1394.7	524.8	78.8	1.124	1.081	0.999	-0.162	1.081	-0.022	0.025	1.32	-1.17
15	16.500	1.027	1061.38	1395.5	527.2	78.7	1.151	1.104	0.998	-0.209	1.103	-0.020	0.044	2.27	-1.05
16	17.000	1.030	1063.89	1395.9	528.5	78.8	1.181	1.117	0.995	-0.237	1.115	-0.016	0.058	2.98	-0.82
17	17.500	1.029	1062.21	1394.8	527.3	78.8	1.166	1.107	0.996	-0.217	1.105	-0.008	0.057	2.97	-0.41
18	18.000	1.021	1056.38	1394.4	524.4	78.8	1.110	1.071	0.997	-0.145	1.070	0.004	0.041	2.18	0.24
19	18.500	1.025	1060.39	1394.0	526.1	78.6	0.971	0.955	0.998	0.086	0.955	0.009	0.018	1.05	0.55
20	19.000	1.030	1064.04	1395.8	528.5	78.8	0.968	0.950	1.000	0.101	0.950	0.004	0.011	0.67	0.27

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1098	2.992	0.00	68	7.00	-5.00	6-404	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	10.500	1.028	1062.14	1391.0	525.9	78.9	1.083	1.044	0.999	-0.089	1.044	-0.001	0.000	0.01	-0.06
4	11.000	1.025	1060.97	1400.9	529.0	78.9	1.094	1.054	1.000	-0.108	1.054	-0.004	0.002	0.13	-0.20
5	11.500	1.024	1059.28	1394.5	525.8	78.8	1.038	1.011	1.002	-0.020	1.011	0.002	-0.001	-0.08	0.11
6	12.000	1.028	1062.75	1393.9	527.2	78.8	0.967	0.950	0.999	0.098	0.950	0.008	-0.007	-0.44	0.51
8	12.500	1.025	1059.66	1398.7	526.8	78.8	0.959	0.946	1.002	0.110	0.946	0.012	-0.010	-0.63	0.70
9	13.000	1.026	1060.93	1393.5	526.2	78.8	0.960	0.946	1.001	0.111	0.945	0.012	-0.012	-0.71	0.71
13	13.500	1.026	1060.53	1396.0	526.9	78.9	0.949	0.953	1.001	0.095	0.953	0.012	-0.013	-0.77	0.75
14	14.000	1.022	1057.46	1395.9	525.4	79.0	0.961	0.950	1.001	0.102	0.950	0.010	-0.012	-0.71	0.63
15	14.500	1.027	1062.07	1397.9	528.3	79.0	0.970	0.954	1.000	0.093	0.953	0.009	-0.011	-0.69	0.57
22	15.000	1.029	1063.34	1396.2	528.2	79.1	0.978	0.959	1.002	0.084	0.959	0.008	-0.012	-0.70	0.50
23	15.500	1.025	1060.16	1395.3	526.4	79.1	0.988	0.970	1.002	0.063	0.970	0.006	-0.010	-0.58	0.33
24	16.000	1.028	1062.55	1397.2	528.3	79.0	0.998	0.976	1.001	0.050	0.976	0.003	-0.008	-0.46	0.19
26	16.500	1.026	1060.86	1395.3	526.8	79.0	1.011	0.988	1.002	0.027	0.988	0.000	-0.005	-0.28	0.01
27	17.000	1.029	1063.46	1397.6	528.8	79.1	1.029	1.000	1.001	0.002	1.000	-0.003	-0.001	-0.04	-0.16
28	17.500	1.027	1061.91	1395.0	527.2	78.9	1.050	1.018	1.002	-0.034	1.018	-0.005	0.005	0.26	-0.29
30	18.000	1.024	1058.93	1394.4	525.3	79.0	1.081	1.045	1.000	-0.091	1.045	-0.006	0.012	0.63	-0.35
31	18.500	1.026	1061.41	1397.5	527.8	79.1	1.114	1.069	1.001	-0.136	1.068	-0.007	0.020	1.08	-0.39
33	19.000	1.024	1059.35	1392.8	525.2	78.9	1.133	1.085	1.000	-0.169	1.085	-0.011	0.028	1.49	-0.86

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1107	2.009	0.00	68	7.00	-3.00	6-413	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
3	10.500	1.027	1061.67	1392.4	526.1	78.8	1.090	1.050	1.001	-0.098	1.050	-0.005	0.002	0.09	-0.26
4	11.000	1.022	1056.98	1394.4	524.7	78.8	1.054	1.026	1.001	-0.051	1.026	-0.001	-0.001	-0.05	-0.03
5	11.500	1.025	1060.05	1394.3	526.1	78.7	0.981	0.964	1.000	0.072	0.964	0.009	-0.005	-0.31	0.52
6	12.000	1.027	1061.53	1393.1	526.4	78.7	0.962	0.946	1.001	0.108	0.946	0.014	-0.009	-0.55	0.84
7	12.500	1.028	1062.50	1393.8	527.2	78.6	0.966	0.949	1.002	0.105	0.949	0.016	-0.011	-0.65	0.98
10	13.000	1.024	1058.55	1394.5	525.6	78.6	0.959	0.947	1.001	0.108	0.946	0.016	-0.011	-0.70	0.99
11	13.500	1.024	1058.46	1395.1	525.7	78.6	0.944	0.935	1.001	0.133	0.934	0.016	-0.013	-0.78	0.98
12	14.000	1.026	1060.57	1392.6	525.8	78.6	0.962	0.947	1.002	0.107	0.947	0.016	-0.014	-0.85	0.94
14	14.500	1.022	1057.15	1394.9	525.0	78.6	0.967	0.955	1.001	0.093	0.954	0.013	-0.015	-0.89	0.79
15	15.000	1.023	1056.18	1393.9	525.1	78.6	0.977	0.963	1.002	0.077	0.962	0.010	-0.015	-0.89	0.59
18	15.500	1.027	1061.61	1394.8	527.1	78.7	1.001	0.978	1.001	0.044	0.978	0.005	-0.013	-0.79	0.30
21	16.000	1.024	1059.23	1396.2	526.5	78.7	1.016	0.994	1.001	0.014	0.994	-0.001	-0.010	-0.59	-0.03
22	16.500	1.026	1060.64	1393.7	526.2	78.8	1.039	1.010	1.001	-0.019	1.010	-0.006	-0.005	-0.30	-0.35
23	17.000	1.028	1062.12	1397.7	528.4	78.6	1.080	1.042	1.000	-0.083	1.041	-0.011	0.003	0.19	-0.61
24	17.500	1.027	1061.24	1393.7	526.5	78.7	1.127	1.079	1.001	-0.156	1.078	-0.013	0.017	0.93	-0.71
26	18.000	1.025	1059.84	1394.1	526.0	78.7	1.156	1.102	0.999	-0.204	1.102	-0.019	0.031	1.61	-0.97
27	18.500	1.029	1062.60	1396.5	528.1	78.8	1.179	1.116	0.997	-0.234	1.115	-0.024	0.044	2.28	-1.23
30	19.000	1.027	1062.00	1394.2	527.0	78.8	1.153	1.097	0.997	-0.197	1.097	-0.019	0.036	1.86	-1.01

TEST	PART	RFX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1108	3.007	0.00	68	7.00	-2.00	6-416	2- 8-77	TRANSONIC 4T

POINT	X	Y	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SML
5	10.500	1.024	1058.58	1398.4	527.2	78.7	1.094	1.055	1.000	-0.110	1.055	-0.006	0.000	0.01	-0.33
7	11.000	1.028	1062.71	1391.3	526.3	78.7	1.092	1.050	1.000	-0.100	1.050	-0.005	0.000	0.02	-0.30
8	11.500	1.027	1057.56	1397.6	526.2	78.7	0.968	0.956	1.000	0.089	0.955	0.012	-0.006	-0.34	0.73
9	12.000	1.024	1059.61	1392.7	524.9	78.6	0.943	0.933	1.002	0.136	0.933	0.017	-0.008	-0.46	1.02
10	12.500	1.028	1062.41	1394.2	527.2	78.7	0.952	0.946	1.001	0.110	0.946	0.019	-0.010	-0.58	1.18
12	13.000	1.028	1062.58	1395.3	527.8	78.6	0.960	0.944	1.001	0.114	0.944	0.021	-0.011	-0.67	1.28
14	13.500	1.024	1058.41	1395.4	523.8	78.6	0.943	0.934	1.001	0.133	0.934	0.021	-0.012	-0.76	1.29
15	14.000	1.024	1058.67	1393.2	525.2	78.5	0.942	0.933	1.001	0.136	0.932	0.020	-0.015	-0.92	1.25
16	14.500	1.028	1062.13	1395.4	527.6	78.6	0.967	0.950	1.001	0.101	0.950	0.019	-0.018	-1.06	1.15
19	15.000	1.027	1061.32	1395.0	527.1	78.5	0.984	0.965	1.001	0.071	0.965	0.014	-0.020	-1.18	0.86
20	15.500	1.025	1060.03	1395.8	526.7	78.7	1.001	0.981	1.000	0.039	0.980	0.006	-0.019	-1.14	0.35
21	16.000	1.027	1061.74	1393.5	526.7	78.6	1.032	1.004	1.002	-0.005	1.004	-0.003	-0.015	-0.84	-0.20
22	16.500	1.027	1061.35	1394.1	526.7	78.7	1.074	1.038	1.001	-0.074	1.038	-0.012	-0.007	-0.36	-0.66
23	17.000	1.027	1061.55	1393.9	526.7	78.6	1.137	1.086	1.001	-0.170	1.086	-0.016	0.011	0.59	-0.83
24	17.500	1.027	1061.04	1393.3	526.3	78.5	1.177	1.116	0.999	-0.232	1.116	-0.024	0.030	1.55	-1.22
25	18.000	1.024	1058.95	1394.7	525.8	78.6	1.199	1.135	0.996	-0.271	1.133	-0.030	0.049	2.48	-1.53
28	18.500	1.028	1062.40	1393.8	527.1	78.6	1.207	1.137	0.993	-0.278	1.135	-0.036	0.060	3.05	-1.81
29	19.000	1.023	1057.90	1394.4	525.2	78.8	0.940	0.932	0.993	0.126	0.932	-0.011	0.007	0.41	-0.66

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-484	1109	2.997	0.00	68	7.00	-1.00	6-415		2- 8-77	

POINT	X	M	VM	PT	Q	TT	MI	VMT/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	10.500	1.022	1057.40	1394.6	525.0	78.8	1.098	1.060	1.001	-0.119	1.060	-0.008	-0.000	-0.02	-0.41
4	11.000	1.029	1062.91	1394.4	527.6	78.6	1.075	1.037	1.001	-0.073	1.037	-0.003	-0.001	-0.05	-0.17
5	11.500	1.028	1062.44	1392.7	526.8	78.4	0.984	0.964	1.001	0.073	0.964	0.011	-0.004	-0.22	0.63
6	12.000	1.023	1058.20	1394.8	525.6	78.5	0.944	0.934	1.000	0.132	0.934	0.018	-0.005	-0.32	1.11
7	12.500	1.025	1060.15	1394.5	526.3	78.6	0.942	0.931	1.001	0.138	0.931	0.021	-0.006	-0.38	1.30
8	13.000	1.028	1061.05	1394.1	527.0	78.7	0.944	0.931	1.002	0.139	0.931	0.024	-0.007	-0.45	1.46
11	13.500	1.029	1063.29	1393.2	527.3	78.6	0.943	0.930	1.001	0.142	0.929	0.027	-0.009	-0.57	1.64
12	14.000	1.023	1057.70	1394.8	525.2	78.7	0.941	0.933	1.001	0.136	0.932	0.029	-0.012	-0.73	1.75
15	14.500	1.025	1060.02	1395.4	526.6	78.6	0.940	0.930	1.000	0.141	0.929	0.030	-0.018	-1.12	1.83
17	15.000	1.025	1060.00	1391.5	525.2	78.5	0.960	0.947	1.002	0.110	0.946	0.026	-0.029	-1.75	1.57
20	15.500	1.026	1060.35	1396.6	527.2	78.5	0.996	0.976	1.002	0.052	0.975	0.009	-0.036	-2.11	0.55
21	16.000	1.028	1062.27	1392.0	526.5	78.4	1.045	1.014	1.001	-0.026	1.013	-0.012	-0.029	-1.65	-0.65
25	16.500	1.023	1056.11	1395.4	525.7	78.6	1.144	1.095	1.000	-0.189	1.095	-0.021	-0.003	-0.15	-1.10
26	17.000	1.029	1052.71	1391.5	526.4	78.6	1.204	1.135	0.999	-0.268	1.134	-0.030	0.028	1.42	-1.54
28	17.500	1.027	1061.19	1393.6	526.5	78.6	1.228	1.154	0.993	-0.310	1.151	-0.044	0.060	2.98	-2.18
29	18.000	1.028	1062.21	1394.2	527.1	78.7	1.231	1.155	0.990	-0.316	1.152	-0.050	0.072	3.59	-2.48
30	18.500	1.024	1058.75	1394.7	525.7	78.6	0.979	0.963	0.990	0.060	0.963	-0.025	0.009	0.56	-1.50
31	19.000	1.026	1050.20	1394.4	526.3	78.6	0.974	0.958	0.997	0.080	0.958	-0.013	0.003	0.16	-0.75

TEST	PART	REX10-6	ALFA	WING	Y	Z	PWN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1110	2.986	0.00	68	-4.00	-5.00	6-416	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	1.021	1056.13	1394.3	524.3	78.6	0.990	0.975	1.000	0.050	0.975	0.001	-0.006	-0.33	0.08
4	12.000	1.029	1062.39	1393.4	526.9	78.7	0.965	0.949	1.002	0.105	0.949	-0.010	-0.012	-0.72	-0.58
6	13.000	1.024	1058.97	1393.2	525.3	78.6	0.965	0.952	1.001	0.099	0.951	-0.009	-0.014	-0.81	-0.56
7	14.000	1.026	1061.05	1391.6	525.6	78.7	0.975	0.958	1.003	0.089	0.958	-0.007	-0.012	-0.71	-0.41
11	15.000	1.025	1060.00	1394.2	526.1	78.6	0.989	0.971	1.001	0.060	0.971	-0.003	-0.006	-0.35	-0.19
15	16.000	1.026	1060.55	1394.3	524.4	78.6	1.013	0.990	1.002	0.023	0.990	0.001	0.002	0.13	0.05
20	17.000	1.029	1067.95	1394.1	527.4	78.8	1.050	1.017	1.001	-0.033	1.017	0.004	0.013	0.71	0.21
21	18.000	1.029	1053.02	1395.0	527.8	78.7	1.088	1.047	1.000	-0.093	1.047	0.006	0.024	1.29	0.33
24	19.000	1.026	1060.61	1391.9	525.5	78.6	1.134	1.085	0.999	-0.169	1.084	0.004	0.038	2.01	0.19

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1111	2.998	0.00	68	-4.00	-3.00	6	417	2- 8-77	TRANSONIC 4T

POINT	X	M	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
6	11.000	1.028	1059.73	1393.5	525.7	78.6	0.979	0.962	1.000	0.076	0.962	-0.006	-0.006	-0.37	-0.35
7	12.000	1.028	1059.01	1395.0	526.4	78.5	0.958	0.945	1.001	0.112	0.945	-0.012	-0.016	-0.94	-0.73
8	13.000	1.029	1061.64	1393.9	527.5	78.5	0.964	0.947	1.002	0.109	0.946	-0.010	-0.019	-1.17	-0.62
10	14.000	1.027	1061.37	1395.3	527.2	78.6	0.986	0.967	1.001	0.068	0.967	-0.002	-0.016	-0.94	-0.14
11	15.000	1.029	1062.61	1395.2	527.8	78.5	1.013	0.987	1.001	0.027	0.987	0.005	-0.005	-0.27	0.32
14	16.000	1.029	1063.34	1395.6	528.2	78.6	1.058	1.023	1.000	-0.046	1.023	0.011	0.010	0.58	0.61
15	17.000	1.027	1061.03	1393.1	526.2	78.6	1.105	1.062	1.001	-0.122	1.061	0.014	0.028	1.49	0.75
17	18.000	1.028	1060.58	1393.0	526.0	78.5	1.150	1.096	1.000	-0.191	1.095	0.012	0.048	2.50	0.64
18	19.000	1.025	1059.53	1394.2	526.6	78.8	1.003	0.982	0.997	0.031	0.982	-0.002	0.017	1.02	-0.10

TEST	PART	RFX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1112	2.989	0.00	6A	-4.00	-1.90	6-418	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
7	11.000	1.025	1059.65	1394.3	526.0	78.7	0.938	0.928	1.000	0.144	0.928	-0.021	-0.007	-0.45	-1.31
8	12.000	1.028	1067.18	1395.3	527.6	78.5	0.932	0.921	1.001	0.158	0.920	-0.036	-0.023	-1.43	-2.23
9	13.000	1.024	1058.34	1391.8	524.5	78.5	0.936	0.927	1.003	0.149	0.926	-0.024	-0.049	-3.01	-1.46
10	14.000	1.026	1040.60	1394.2	526.4	78.6	0.990	0.971	1.001	0.060	0.970	0.005	-0.038	-2.26	0.28
16	15.000	1.025	1059.89	1391.6	525.9	78.5	1.017	0.993	1.000	0.014	0.993	0.020	-0.011	-0.65	1.17
23	16.000	1.026	1062.58	1397.4	526.7	78.6	1.126	1.076	1.000	-0.152	1.076	0.025	0.024	1.26	1.35
24	17.000	1.024	1059.54	1393.9	525.4	78.5	1.158	1.112	0.996	-0.227	1.111	0.019	0.055	2.81	0.98
29	18.000	1.028	1061.88	1395.3	527.5	78.5	1.091	1.050	0.996	-0.105	1.050	-0.001	0.038	2.06	-0.07
30	19.000	1.029	1063.20	1393.4	527.4	78.5	0.973	0.955	1.001	0.092	0.954	-0.001	0.011	0.66	-0.06

TEST	PART	RE X 10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1113	2.903	0.00	6B	-7.00	-5.00	6-419	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	1.029	1059.34	1391.6	524.8	78.6	1.084	1.047	1.002	-0.092	1.047	0.005	0.012	0.65	0.20
4	12.000	1.028	1061.96	1395.9	527.7	78.5	0.968	0.951	0.999	0.097	0.951	-0.009	0.002	0.09	-0.52
5	13.000	1.024	1058.56	1397.8	525.0	78.5	0.944	0.935	1.001	0.132	0.935	-0.012	-0.002	-0.14	-0.74
6	14.000	1.028	1062.08	1392.4	526.5	78.4	0.946	0.949	1.002	0.105	0.949	-0.012	-0.003	-0.19	-0.70
7	15.000	1.028	1061.96	1394.3	527.1	78.6	0.960	0.961	1.001	0.079	0.961	-0.008	-0.002	-0.09	-0.46
8	16.000	1.027	1056.82	1393.5	524.4	78.6	0.996	0.979	1.001	0.044	0.979	-0.003	0.002	0.13	-0.17
11	17.000	1.025	1059.48	1392.4	525.7	78.6	1.074	0.999	1.002	0.003	0.999	0.003	0.009	0.53	0.17
13	18.000	1.027	1061.68	1392.6	526.4	78.5	1.078	1.040	1.001	-0.080	1.040	0.007	0.022	1.19	0.40
16	19.000	1.025	1060.00	1397.1	527.2	78.7	1.136	1.087	0.999	-0.174	1.086	0.012	0.038	2.02	0.63

TEST	PART	RE*10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-444	1114	2.990	0.00	6A	-7.00	-3.00	6-420	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VMI/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	11.000	1.021	1056.41	1390.6	523.1	78.5	1.052	1.024	1.001	-0.047	1.024	0.003	0.007	0.38	0.17
4	12.000	1.030	1063.95	1396.4	526.9	78.7	0.973	0.954	1.000	0.092	0.954	-0.012	-0.001	-0.09	-0.72
5	13.000	1.021	1055.96	1395.3	524.7	78.5	0.941	0.934	1.001	0.133	0.934	-0.014	-0.004	-0.23	-0.88
13	14.000	1.025	1059.31	1392.5	525.2	78.6	0.952	0.948	1.001	0.105	0.948	-0.014	-0.007	-0.41	-0.87
17	15.000	1.026	1060.87	1395.1	526.8	78.7	0.987	0.968	1.001	0.066	0.968	-0.038	-0.008	-0.45	-0.49
20	16.000	1.023	1057.95	1394.7	525.4	78.5	1.016	0.994	1.001	0.013	0.994	0.003	-0.002	-0.13	0.15
22	17.000	1.027	1061.14	1393.1	526.3	78.4	1.079	1.041	1.002	-0.080	1.041	0.012	0.012	0.68	0.66
24	18.000	1.028	1062.51	1394.2	527.4	78.5	1.159	1.101	0.998	-0.203	1.100	0.021	0.040	2.08	1.07
29	19.000	1.023	1057.82	1393.3	524.8	78.6	1.158	1.105	0.995	-0.214	1.104	0.021	0.042	2.16	1.10

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1115	3.000	0.00	68	-7.00	-1.00	6-421	2- 8-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
8	11.000	1.023	1058.24	1395.3	525.7	78.6	1.046	1.018	0.999	-0.037	1.018	-0.000	0.007	0.37	-0.02
9	12.000	1.022	1057.10	1392.5	524.2	78.5	0.939	0.931	1.001	0.139	0.931	-0.017	0.004	0.25	-1.08
10	13.000	1.029	1063.42	1394.4	527.8	78.6	0.944	0.930	1.000	0.140	0.930	-0.024	0.002	0.12	-1.50
11	14.000	1.027	1061.67	1394.9	527.2	78.6	0.943	0.931	1.001	0.140	0.930	-0.030	-0.003	-0.20	-1.86
15	15.000	1.029	1062.55	1396.8	528.2	78.8	0.950	0.945	1.000	0.112	0.944	-0.026	-0.022	-1.31	-1.59
16	16.000	1.027	1061.12	1395.4	527.1	78.6	1.047	1.016	1.001	-0.031	1.016	0.011	-0.020	-1.15	0.64
17	17.000	1.027	1061.66	1394.3	526.9	78.6	1.207	1.138	0.996	-0.277	1.137	0.030	0.043	2.15	1.49
18	18.000	1.026	1060.60	1394.2	526.5	78.6	1.274	1.151	0.991	-0.308	1.148	0.047	0.077	3.86	2.36
19	19.000	1.026	1060.12	1392.7	525.7	78.5	0.966	0.951	0.998	0.096	0.951	0.010	0.010	0.59	0.42

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1117	2.997	0.00	68	0.00	-14.14	7-501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
7	-6.000	1.025	1059.47	1392.6	525.4	78.4	0.994	0.974	1.001	0.052	0.974	0.001	0.010	0.57	0.07
8	-5.500	1.023	1058.09	1394.0	525.2	78.5	0.985	0.969	1.001	0.064	0.969	0.001	0.009	0.56	0.05
9	-5.000	1.022	1057.79	1394.2	524.9	78.5	0.984	0.969	1.001	0.064	0.969	0.001	0.010	0.60	0.05
10	-4.500	1.029	1062.51	1394.0	527.3	78.4	0.991	0.970	1.001	0.063	0.970	0.001	0.010	0.57	0.05
11	-4.000	1.027	1061.17	1395.2	527.1	78.5	0.989	0.970	1.001	0.062	0.970	0.001	0.010	0.57	0.04
12	-3.500	1.025	1059.65	1393.9	526.0	78.3	0.986	0.968	1.001	0.066	0.968	0.001	0.010	0.57	0.05
13	-3.000	1.025	1059.91	1394.6	526.3	78.5	0.987	0.969	1.001	0.063	0.969	0.001	0.010	0.56	0.05
14	-2.500	1.022	1057.12	1390.6	523.5	78.3	0.985	0.970	1.003	0.065	0.970	0.001	0.009	0.55	0.06
15	-2.000	1.023	1057.74	1394.1	525.1	78.5	0.981	0.966	1.001	0.070	0.966	0.001	0.009	0.52	0.04
16	-1.500	1.022	1057.03	1393.9	524.8	78.3	0.980	0.966	1.001	0.071	0.965	0.001	0.008	0.49	0.05
17	-1.000	1.022	1056.78	1394.0	524.6	78.4	0.976	0.962	1.001	0.077	0.962	0.000	0.007	0.44	0.02
18	-0.500	1.027	1061.46	1391.6	526.0	78.3	0.976	0.958	1.002	0.087	0.958	0.001	0.006	0.35	0.07
21	0.000	1.022	1057.14	1394.3	524.9	78.5	0.978	0.964	1.001	0.074	0.964	0.001	0.006	0.34	0.08
22	0.500	1.028	1062.31	1394.2	527.3	78.5	0.973	0.955	1.000	0.091	0.955	0.001	0.004	0.26	0.04
23	1.000	1.026	1060.30	1393.4	526.1	78.5	0.973	0.957	1.002	0.088	0.957	0.001	0.003	0.19	0.04
24	1.500	1.025	1059.59	1393.8	525.9	78.3	0.974	0.960	1.001	0.081	0.960	0.001	0.002	0.11	0.04
25	2.000	1.023	1057.65	1392.2	524.5	78.2	0.978	0.963	1.001	0.076	0.963	0.001	0.000	0.02	0.05
26	2.500	1.023	1057.46	1392.6	524.5	78.4	0.976	0.962	1.000	0.077	0.962	0.001	-0.001	-0.03	0.04
27	3.000	1.028	1061.65	1393.9	526.9	78.3	0.981	0.962	1.002	0.079	0.962	0.001	-0.002	-0.09	0.05
28	3.500	1.028	1061.88	1394.3	527.2	78.3	0.983	0.964	1.001	0.073	0.964	0.001	-0.003	-0.16	0.04
29	4.000	1.026	1060.45	1393.9	526.4	78.3	0.983	0.965	1.001	0.072	0.965	0.001	-0.003	-0.21	0.04
30	4.500	1.025	1059.54	1393.5	525.8	78.3	0.985	0.967	1.002	0.068	0.967	0.001	-0.004	-0.23	0.05
31	5.000	1.025	1059.04	1393.9	526.0	78.6	0.988	0.970	1.000	0.061	0.970	0.001	-0.004	-0.23	0.04
32	5.500	1.024	1058.60	1394.2	525.6	78.3	0.987	0.970	1.001	0.062	0.970	0.000	-0.004	-0.25	0.02
33	6.000	1.024	1058.36	1394.9	525.8	78.3	0.991	0.973	1.001	0.055	0.973	0.001	-0.004	-0.25	0.04
34	6.500	1.024	1058.28	1393.4	525.2	78.3	0.990	0.973	1.001	0.056	0.973	0.001	-0.003	-0.21	0.04
35	7.000	1.022	1057.31	1392.7	524.4	78.4	0.992	0.975	1.002	0.052	0.975	0.001	-0.003	-0.20	0.05
36	7.500	1.023	1057.46	1395.1	525.4	78.4	0.998	0.980	1.007	0.043	0.980	0.001	-0.003	-0.18	0.05
37	8.000	1.023	1057.85	1392.2	524.5	78.3	1.001	0.982	1.001	0.037	0.982	0.001	-0.002	-0.10	0.05
38	8.500	1.023	1057.71	1392.3	524.5	78.2	1.002	0.983	1.002	0.037	0.983	0.001	-0.001	-0.04	0.03
39	9.000	1.025	1059.19	1393.6	525.7	78.3	1.011	0.989	1.001	0.023	0.989	0.001	0.001	0.03	0.08
40	9.500	1.025	1059.34	1393.7	525.8	78.3	1.015	0.992	1.001	0.018	0.992	0.001	0.002	0.12	0.04
41	10.000	1.026	1060.43	1392.7	525.9	78.2	1.017	0.993	1.000	0.015	0.993	0.000	0.003	0.18	0.03
42	10.500	1.028	1061.46	1393.9	526.9	79.2	1.024	0.997	1.001	0.007	0.997	0.001	0.005	0.29	0.05
43	11.000	1.029	1062.61	1393.8	527.4	79.1	1.030	1.001	1.000	-0.001	1.001	0.001	0.007	0.41	0.06
44	11.500	1.028	1061.65	1393.3	526.8	78.1	1.036	1.007	1.001	-0.011	1.007	0.001	0.010	0.54	0.06
45	12.000	1.027	1061.55	1393.9	526.8	78.4	1.037	1.008	1.001	-0.014	1.008	0.001	0.011	0.65	0.06
46	12.500	1.022	1056.43	1393.7	524.4	78.2	1.002	0.984	1.000	0.032	0.984	0.001	0.010	0.60	0.06
47	13.000	1.024	1058.07	1392.8	524.9	78.2	0.966	0.953	1.001	0.095	0.953	0.001	0.006	0.37	0.05
48	13.500	1.028	1062.15	1393.7	527.0	78.5	0.967	0.950	1.001	0.101	0.950	0.001	0.005	0.29	0.08
49	14.000	1.027	1060.57	1392.4	525.9	78.2	0.940	0.946	1.001	0.111	0.946	0.001	0.003	0.20	0.08
50	14.500	1.028	1062.31	1394.9	528.3	78.4	0.960	0.944	1.000	0.112	0.944	0.001	0.003	0.19	0.05
51	15.000	1.023	1057.34	1391.8	524.1	78.3	0.967	0.954	1.002	0.094	0.954	0.001	0.003	0.21	0.05
52	15.500	1.028	1061.83	1392.7	526.5	78.5	0.967	0.951	1.001	0.100	0.951	0.001	0.004	0.21	0.04

TEST	PART	RFX10-6	ALFA	WING	YT	ZT	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1117	2.997	0.00	68	0.00	-14.14	7	501	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
53	16.000	1.026	1060.42	1395.2	526.8	78.4	0.977	0.960	1.001	0.082	0.960	0.001	0.004	0.23	0.05
54	16.500	1.028	1062.14	1396.0	527.9	78.4	0.981	0.962	1.001	0.078	0.962	0.001	0.005	0.27	0.05
55	17.000	1.025	1059.76	1394.7	526.2	78.5	0.990	0.971	1.001	0.059	0.971	0.001	0.005	0.27	0.06
57	17.500	1.021	1056.50	1392.5	523.9	78.5	0.992	0.976	1.001	0.050	0.976	0.001	0.005	0.32	0.06
58	18.000	1.028	1062.14	1396.2	527.9	78.5	1.000	0.977	1.001	0.048	0.977	0.001	0.006	0.36	0.06
59	18.500	1.025	1059.66	1394.4	526.1	78.5	1.005	0.984	1.001	0.033	0.984	0.001	0.007	0.44	0.04
60	19.000	1.030	1063.85	1393.3	527.6	78.6	1.011	0.985	1.001	0.032	0.985	0.001	0.009	0.51	0.07
63	19.500	1.026	1060.95	1394.3	526.6	78.7	1.022	0.997	1.001	0.008	0.997	0.001	0.011	0.63	0.06
64	20.000	1.028	1062.65	1393.7	527.7	78.6	1.032	1.003	1.001	-0.004	1.003	0.001	0.012	0.70	0.06
67	20.500	1.023	1058.34	1394.5	525.4	78.8	1.039	1.012	1.001	-0.024	1.012	0.001	0.015	0.84	0.06
68	21.000	1.025	1059.89	1396.5	526.9	78.8	1.049	1.019	1.001	-0.037	1.019	0.001	0.017	0.97	0.04
69	21.500	1.025	1062.41	1394.4	527.3	78.7	1.059	1.025	1.001	-0.048	1.024	0.001	0.019	1.08	0.05
70	22.000	1.022	1057.20	1395.0	525.0	78.8	1.069	1.038	1.000	-0.075	1.038	0.001	0.023	1.27	0.04
73	22.500	1.022	1057.18	1396.7	525.6	78.9	1.074	1.042	1.001	-0.083	1.042	0.001	0.027	1.47	0.04
74	23.000	1.023	1054.30	1392.7	524.6	78.9	1.066	1.034	1.002	-0.066	1.034	0.001	0.026	1.42	0.03
75	23.500	1.026	1050.46	1394.7	526.4	78.8	0.990	0.971	1.001	0.059	0.971	0.000	0.014	0.83	0.03
76	24.000	1.028	1062.69	1396.3	528.1	78.8	0.973	0.955	1.000	0.090	0.955	0.000	0.009	0.53	0.01

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1118	2.995	0.00	69	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VMT/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
2	-6.000	1.020	1058.76	1393.6	523.9	78.6	0.989	0.974	1.000	0.051	0.974	0.001	0.010	0.57	0.06
4	-5.500	1.025	1059.38	1393.4	525.5	78.7	0.986	0.968	1.002	0.065	0.968	0.001	0.003	0.20	0.04
5	-5.000	1.026	1060.79	1396.3	527.0	78.7	0.989	0.970	1.002	0.062	0.970	0.001	0.004	0.22	0.06
6	-4.500	1.024	1058.62	1392.9	525.0	78.5	0.987	0.970	1.002	0.064	0.970	0.001	0.003	0.20	0.05
7	-4.000	1.024	1058.61	1392.3	524.9	78.3	0.987	0.970	1.001	0.062	0.970	0.000	0.003	0.20	0.03
8	-3.500	1.024	1058.31	1395.2	525.8	78.5	0.987	0.970	1.001	0.061	0.970	0.001	0.003	0.20	0.03
9	-3.000	1.023	1057.91	1395.4	525.5	78.7	0.985	0.969	1.001	0.063	0.969	0.001	0.003	0.16	0.04
10	-2.500	1.022	1056.59	1394.7	524.7	78.3	0.984	0.969	1.001	0.063	0.969	0.001	0.003	0.17	0.05
11	-2.000	1.021	1056.23	1394.1	524.4	78.4	0.984	0.970	1.001	0.062	0.970	0.001	0.003	0.16	0.07
12	-1.500	1.027	1060.85	1393.7	526.6	78.4	0.986	0.967	1.002	0.068	0.967	0.001	0.002	0.15	0.07
13	-1.000	1.027	1061.35	1393.9	526.7	78.4	0.983	0.964	1.001	0.073	0.964	0.002	0.002	0.10	0.09
14	-0.500	1.026	1060.13	1392.7	525.8	78.3	0.978	0.961	1.002	0.082	0.961	0.003	0.001	0.04	0.15
15	0.000	1.026	1060.34	1393.7	526.2	78.4	0.977	0.960	1.001	0.082	0.960	0.003	-0.000	-0.01	0.18
16	0.500	1.025	1059.50	1396.7	526.9	78.6	0.976	0.960	1.001	0.081	0.960	0.004	-0.001	-0.03	0.22
17	1.000	1.024	1059.34	1394.3	525.4	78.5	0.975	0.961	1.001	0.080	0.961	0.004	-0.001	-0.05	0.23
18	1.500	1.023	1057.98	1396.1	525.9	78.5	0.977	0.962	1.001	0.077	0.962	0.004	-0.002	-0.10	0.25
19	2.000	1.021	1056.35	1392.4	523.8	78.4	0.977	0.964	1.002	0.075	0.964	0.005	-0.002	-0.14	0.31
20	2.500	1.021	1056.11	1392.9	523.9	78.3	0.979	0.966	1.001	0.070	0.966	0.006	-0.003	-0.19	0.36
21	3.000	1.020	1055.08	1394.0	523.8	78.2	0.979	0.966	1.002	0.070	0.966	0.006	-0.004	-0.25	0.38
22	3.500	1.029	1062.46	1391.0	526.2	78.3	0.982	0.962	1.002	0.079	0.962	0.007	-0.005	-0.28	0.42
24	4.000	1.026	1060.57	1394.9	526.8	78.3	0.985	0.967	1.002	0.069	0.967	0.008	-0.005	-0.32	0.45
25	4.500	1.023	1057.49	1392.3	524.4	78.2	0.981	0.965	1.002	0.072	0.965	0.007	-0.006	-0.33	0.44
28	5.000	1.024	1058.13	1393.3	525.0	78.3	0.987	0.970	1.002	0.063	0.970	0.008	-0.007	-0.40	0.48
29	5.500	1.028	1061.64	1393.3	526.7	78.3	0.987	0.967	1.002	0.059	0.967	0.008	-0.006	-0.37	0.48
33	6.000	1.029	1062.80	1393.2	527.2	78.3	0.985	0.972	1.002	0.057	0.972	0.009	-0.007	-0.40	0.50
38	6.500	1.026	1060.77	1395.2	526.7	78.3	0.991	0.972	1.001	0.058	0.972	0.008	-0.006	-0.36	0.45
39	7.000	1.025	1059.47	1392.4	525.3	78.3	0.995	0.975	1.001	0.052	0.975	0.007	-0.006	-0.34	0.39
40	7.500	1.026	1060.32	1395.0	526.7	78.4	1.003	0.982	1.001	0.039	0.981	0.007	-0.006	-0.33	0.38
41	8.000	1.025	1059.69	1393.2	525.8	78.1	1.005	0.984	1.002	0.035	0.984	0.006	-0.006	-0.33	0.34
42	8.500	1.026	1060.42	1392.1	525.7	78.2	1.012	0.988	1.001	0.025	0.988	0.005	-0.005	-0.28	0.31
43	9.000	1.026	1060.44	1393.1	526.2	78.1	1.017	0.992	1.003	0.019	0.992	0.005	-0.004	-0.24	0.27
44	9.500	1.028	1061.50	1390.7	525.7	78.1	1.018	0.992	1.002	0.019	0.992	0.004	-0.003	-0.19	0.20
45	10.000	1.022	1056.90	1392.3	524.2	78.1	1.021	0.999	1.002	0.004	0.999	0.003	-0.002	-0.09	0.18
46	10.500	1.029	1062.87	1394.4	527.7	78.2	1.024	0.996	1.001	0.009	0.996	0.001	0.000	0.00	0.08
47	11.000	1.023	1057.55	1392.0	524.4	78.1	1.030	1.005	1.002	-0.009	1.005	0.000	0.001	0.08	0.02
48	11.500	1.024	1058.03	1393.3	525.0	78.2	1.032	1.007	1.001	-0.013	1.007	-0.001	0.003	0.17	-0.05
49	12.000	1.025	1059.11	1391.9	525.0	78.2	1.038	1.010	1.001	-0.019	1.010	-0.002	0.004	0.23	-0.11
50	12.500	1.028	1061.91	1394.0	527.1	78.2	1.050	1.017	1.001	-0.033	1.017	-0.002	0.005	0.29	-0.14
51	13.000	1.029	1061.97	1394.3	527.3	78.1	1.018	0.992	1.001	0.017	0.992	0.000	0.002	0.12	0.00
52	13.500	1.021	1056.76	1390.7	523.2	78.2	0.959	0.948	1.002	0.106	0.948	0.004	-0.002	-0.13	0.23
53	14.000	1.025	1059.16	1392.4	525.1	78.4	0.945	0.934	1.002	0.134	0.934	0.004	-0.003	-0.19	0.26
55	14.500	1.029	1062.39	1393.0	527.0	78.2	0.960	0.944	1.002	0.115	0.944	0.005	-0.004	-0.23	0.31
56	15.000	1.024	1059.96	1392.0	525.4	78.3	0.963	0.949	1.001	0.104	0.949	0.004	-0.003	-0.19	0.26
57	15.500	1.028	1061.91	1394.4	527.2	78.3	0.960	0.951	1.002	0.101	0.951	0.004	-0.003	-0.17	0.24

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1118	2.955	0.00	68	10.00	-10.00	7-502	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
58	16.000	1.025	1059.59	1391.6	575.1	78.3	0.978	0.962	1.001	0.078	0.962	0.003	-0.003	-0.16	0.21
59	16.500	1.023	1058.14	1394.1	575.3	78.4	0.982	0.966	1.001	0.070	0.966	0.003	-0.002	-0.12	0.19
60	17.000	1.027	1060.80	1394.0	576.5	78.4	0.990	0.970	1.001	0.061	0.970	0.003	-0.002	-0.11	0.15
61	17.500	1.026	1059.98	1395.5	575.7	78.4	0.996	0.976	1.001	0.050	0.976	0.002	-0.001	-0.06	0.12
62	18.000	1.027	1061.65	1391.2	575.8	78.5	1.002	0.980	1.002	0.043	0.980	0.001	-0.000	-0.00	0.07
63	18.500	1.026	1060.50	1394.2	575.3	78.7	1.017	0.993	1.001	0.016	0.993	0.001	0.001	0.07	0.06
65	19.000	1.021	1056.08	1394.2	574.2	78.7	1.026	1.004	1.003	-0.005	1.004	-0.000	0.003	0.18	-0.01
66	19.500	1.027	1060.97	1392.2	575.9	78.5	1.039	1.010	1.002	-0.018	1.010	-0.001	0.006	0.32	-0.06
68	20.000	1.022	1057.40	1394.2	574.9	78.7	1.054	1.026	1.002	-0.049	1.026	-0.002	0.009	0.49	-0.13
69	20.500	1.026	1060.87	1392.8	576.0	78.7	1.068	1.034	1.001	-0.065	1.033	-0.004	0.012	0.68	-0.21
72	21.000	1.023	1058.40	1395.0	575.6	78.6	1.082	1.047	1.001	-0.092	1.047	-0.005	0.016	0.87	-0.28
73	21.500	1.025	1059.50	1394.2	575.8	78.6	1.088	1.050	1.000	-0.100	1.050	-0.007	0.018	1.00	-0.39
74	22.000	1.030	1063.90	1396.3	576.7	78.6	1.092	1.049	0.999	-0.099	1.049	-0.007	0.019	1.05	-0.39
76	22.500	1.025	1056.53	1393.8	575.7	78.7	1.003	0.982	1.001	0.036	0.982	-0.002	0.006	0.37	-0.09
77	23.000	1.025	1059.80	1393.6	575.8	78.8	0.984	0.966	1.000	0.068	0.966	-0.000	0.003	0.15	-0.03
78	23.500	1.028	1062.60	1396.5	578.1	78.8	0.990	0.969	1.001	0.064	0.969	0.000	0.001	0.08	0.02
81	24.000	1.026	1060.75	1394.1	576.4	78.7	0.984	0.966	1.001	0.070	0.966	-0.001	0.002	0.09	-0.04

TEST	PART	REX10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1119	2.996	0.00	60	14.14	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
3	-6.000	1.021	1056.24	1393.0	524.0	78.3	0.994	0.977	1.002	0.048	0.977	0.001	0.004	0.21	0.07
4	-5.500	1.028	1062.14	1392.7	526.7	78.3	0.993	0.972	1.002	0.060	0.972	-0.000	0.005	0.28	-0.00
5	-5.000	1.025	1059.06	1392.0	525.0	78.2	0.988	0.970	1.002	0.063	0.970	0.000	0.005	0.29	0.00
6	-4.500	1.025	1059.16	1392.0	525.0	78.3	0.988	0.970	1.002	0.062	0.970	0.000	0.005	0.31	0.00
7	-4.000	1.025	1059.12	1392.5	525.3	78.1	0.988	0.970	1.002	0.062	0.970	-0.000	0.005	0.30	-0.02
8	-3.500	1.026	1059.87	1392.4	525.4	78.3	0.985	0.967	1.002	0.068	0.967	0.000	0.005	0.30	0.01
9	-3.000	1.025	1058.64	1393.5	525.8	78.3	0.986	0.968	1.001	0.065	0.968	0.000	0.005	0.30	0.01
10	-2.500	1.025	1059.59	1393.4	525.8	78.2	0.986	0.970	1.001	0.063	0.970	0.000	0.005	0.31	0.01
11	-2.000	1.025	1058.87	1392.6	525.2	78.2	0.985	0.968	1.003	0.067	0.968	0.000	0.005	0.30	0.02
12	-1.500	1.025	1059.53	1392.7	525.6	78.1	0.983	0.965	1.001	0.070	0.966	0.001	0.005	0.28	0.03
13	-1.000	1.026	1060.09	1393.8	526.1	78.4	0.980	0.963	1.001	0.076	0.963	0.001	0.005	0.28	0.07
14	-0.500	1.025	1059.17	1392.4	525.2	78.2	0.977	0.961	1.002	0.082	0.961	0.003	0.005	0.28	0.15
15	0.000	1.026	1059.77	1392.4	525.6	78.1	0.975	0.959	1.002	0.085	0.959	0.003	0.004	0.27	0.19
16	0.500	1.027	1060.84	1392.8	526.3	78.1	0.975	0.958	1.001	0.096	0.958	0.004	0.004	0.25	0.28
17	1.000	1.027	1061.27	1394.7	527.1	78.2	0.978	0.960	1.001	0.093	0.960	0.005	0.005	0.29	0.31
18	1.500	1.027	1060.93	1392.3	526.1	78.1	0.976	0.958	1.002	0.096	0.958	0.006	0.005	0.28	0.39
19	2.000	1.026	1058.88	1393.1	524.8	78.2	0.975	0.958	1.003	0.088	0.958	0.008	0.004	0.27	0.45
20	2.500	1.023	1057.52	1393.1	524.8	78.1	0.978	0.963	1.002	0.077	0.963	0.008	0.005	0.29	0.49
21	3.000	1.024	1058.50	1391.8	524.6	78.3	0.978	0.963	1.002	0.077	0.963	0.009	0.005	0.29	0.54
22	3.500	1.026	1059.67	1395.1	526.5	78.4	0.981	0.964	1.001	0.074	0.964	0.010	0.004	0.26	0.59
23	4.000	1.025	1059.44	1392.2	525.3	78.3	0.980	0.964	1.003	0.076	0.964	0.010	0.004	0.25	0.62
24	4.500	1.027	1061.60	1394.0	526.9	78.4	0.985	0.966	1.001	0.071	0.965	0.011	0.005	0.27	0.64
25	5.000	1.021	1056.72	1393.1	523.9	78.1	0.982	0.968	1.002	0.057	0.968	0.010	0.005	0.27	0.59
27	5.500	1.028	1062.05	1390.6	526.0	78.1	0.987	0.966	1.002	0.071	0.966	0.011	0.004	0.26	0.65
28	6.000	1.024	1058.37	1392.6	526.5	78.2	0.987	0.970	1.001	0.061	0.970	0.010	0.004	0.25	0.58
29	6.500	1.027	1060.83	1395.0	527.1	78.1	0.990	0.970	1.001	0.060	0.970	0.010	0.004	0.25	0.57
30	7.000	1.028	1062.33	1392.3	526.7	78.1	0.995	0.973	1.001	0.055	0.973	0.010	0.003	0.20	0.57
31	7.500	1.028	1061.82	1394.4	527.3	78.2	0.999	0.976	1.001	0.050	0.976	0.009	0.004	0.23	0.56
34	8.000	1.026	1059.90	1391.1	525.1	78.2	1.003	0.982	1.002	0.040	0.982	0.009	0.004	0.22	0.50
35	8.500	1.025	1059.34	1393.7	525.9	78.1	1.007	0.985	1.000	0.030	0.985	0.007	0.004	0.25	0.39
36	9.000	1.027	1060.87	1394.6	526.9	78.1	1.012	0.988	1.001	0.026	0.988	0.006	0.004	0.25	0.36
37	9.500	1.028	1062.17	1391.8	526.5	78.1	1.018	0.991	1.001	0.018	0.991	0.005	0.005	0.26	0.30
38	10.000	1.027	1060.67	1392.2	525.9	78.2	1.025	0.999	1.002	0.005	0.999	0.004	0.004	0.23	0.22
39	10.500	1.028	1062.38	1392.4	526.8	78.2	1.029	1.001	1.002	0.001	1.001	0.002	0.004	0.22	0.13
40	11.000	1.028	1063.00	1393.2	527.3	78.2	1.033	1.003	1.001	-0.006	1.003	0.000	0.003	0.19	0.01
42	11.500	1.023	1057.49	1391.7	524.2	78.2	1.039	1.013	1.002	-0.024	1.013	-0.002	0.004	0.20	-0.10
43	12.000	1.024	1058.84	1393.7	525.5	78.3	1.038	1.011	1.001	-0.021	1.011	-0.005	0.003	0.20	-0.26
44	12.500	1.026	1059.85	1393.9	526.1	78.2	1.039	1.010	1.002	-0.019	1.010	-0.005	0.004	0.23	-0.29
45	13.000	1.028	1062.17	1391.7	526.3	78.3	1.014	0.989	1.002	0.025	0.989	-0.002	0.004	0.22	-0.10
46	13.500	1.024	1058.92	1395.4	526.2	78.3	0.976	0.960	1.000	0.080	0.960	0.004	0.003	0.21	0.26
47	14.000	1.022	1056.78	1391.1	523.6	78.2	0.959	0.948	1.001	0.105	0.948	0.006	0.004	0.24	0.34
48	14.500	1.026	1060.39	1393.4	526.2	78.2	0.962	0.948	1.003	0.109	0.948	0.007	0.004	0.26	0.40
49	15.000	1.028	1061.65	1390.6	525.7	78.2	0.963	0.947	1.002	0.109	0.947	0.007	0.004	0.25	0.41
50	15.500	1.024	1058.43	1396.0	526.2	78.3	0.975	0.960	1.000	0.081	0.960	0.007	0.004	0.26	0.42

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1119	7.996	0.09	68	14.14	0.00	7-503	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
51	16.000	1.025	1060.90	1391.5	524.9	78.2	0.977	0.961	1.002	0.081	0.961	0.007	0.004	0.24	0.44
52	16.500	1.028	1061.88	1392.4	526.5	78.2	0.983	0.964	1.001	0.073	0.964	0.006	0.004	0.23	0.38
53	17.000	1.024	1059.44	1393.7	525.4	78.2	0.995	0.976	1.001	0.049	0.976	0.006	0.004	0.25	0.37
54	17.500	1.027	1061.07	1392.0	526.0	78.2	1.004	0.982	1.001	0.039	0.982	0.004	0.004	0.25	0.24
55	18.000	1.025	1059.77	1392.6	525.6	78.3	1.022	0.998	1.002	0.007	0.998	0.001	0.004	0.24	0.06
56	18.500	1.026	1060.58	1393.0	526.0	78.4	1.043	1.013	1.002	-0.074	1.013	-0.002	0.004	0.24	-0.13
57	19.000	1.023	1057.55	1392.6	524.4	78.6	1.058	1.028	1.002	-0.054	1.028	-0.006	0.004	0.23	-0.35
58	19.500	1.027	1061.74	1396.0	527.6	78.6	1.069	1.033	1.001	-0.065	1.033	-0.010	0.004	0.21	-0.56
60	20.000	1.025	1059.52	1397.7	525.3	78.6	1.086	1.049	1.000	-0.087	1.049	-0.014	0.004	0.21	-0.77
61	20.500	1.024	1058.60	1394.8	525.6	78.7	1.103	1.063	1.001	-0.124	1.063	-0.020	0.004	0.20	-1.06
62	21.000	1.027	1061.80	1394.0	526.9	78.6	1.114	1.068	1.000	-0.135	1.068	-0.023	0.003	0.19	-1.25
63	21.500	1.024	1058.80	1394.6	525.7	78.6	1.075	1.001	0.999	-0.004	1.001	-0.008	0.004	0.25	-0.44
64	22.000	1.026	1060.69	1396.3	527.1	78.4	0.992	0.973	1.000	0.055	0.973	-0.002	0.005	0.27	-0.10
65	22.500	1.028	1062.52	1392.3	526.6	78.5	0.998	0.975	1.001	0.051	0.975	-0.001	0.005	0.29	-0.08
66	23.000	1.022	1056.95	1394.7	525.0	78.4	0.981	0.967	1.001	0.068	0.967	-0.003	0.005	0.28	-0.19
67	23.500	1.026	1060.74	1396.4	527.3	78.6	0.975	0.958	1.001	0.084	0.958	-0.004	0.005	0.27	-0.29
68	24.000	1.027	1061.63	1392.7	526.3	78.6	0.973	0.956	1.002	0.091	0.956	-0.005	0.005	0.29	-0.28

TEST	PART	PTX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-464	1120	2.996	0.00	69	-10.00	-10.00	7-504	2- 8-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
2	-6.000	1.023	1057.20	1392.1	524.2	78.2	0.990	0.973	1.001	0.055	0.973	-0.000	0.005	0.31	-0.00
3	-4.000	1.026	1060.12	1395.0	526.6	78.3	0.993	0.973	1.001	0.055	0.973	0.001	0.008	0.46	0.06
4	-2.000	1.022	1056.43	1391.4	523.6	78.2	0.981	0.967	1.002	0.069	0.967	0.001	0.007	0.43	0.04
5	0.000	1.023	1057.98	1393.4	525.0	78.3	0.975	0.961	1.001	0.080	0.961	-0.001	0.005	0.27	-0.06
6	2.000	1.026	1060.35	1391.7	525.3	78.4	0.977	0.960	1.003	0.083	0.960	-0.004	0.002	0.11	-0.24
7	4.000	1.025	1059.67	1392.5	525.4	78.4	0.984	0.967	1.002	0.068	0.967	-0.007	-0.001	-0.08	-0.42
8	6.000	1.024	1058.81	1394.8	525.8	78.5	0.989	0.971	1.002	0.059	0.971	-0.006	-0.002	-0.11	-0.37
9	8.000	1.026	1059.75	1394.1	526.2	78.2	1.006	0.984	1.001	0.033	0.984	-0.005	-0.002	-0.09	-0.29
10	10.000	1.030	1063.35	1393.1	527.5	78.2	1.023	0.995	1.000	0.011	0.994	-0.001	0.002	0.11	-0.08
11	12.000	1.024	1058.87	1392.8	525.2	78.4	1.044	1.016	1.001	-0.030	1.016	0.004	0.008	0.47	0.23
13	14.000	1.023	1057.29	1394.3	525.1	78.2	0.960	0.948	1.001	0.105	0.948	-0.003	0.001	0.05	-0.20
19	14.000	1.027	1060.81	1394.2	526.6	78.3	0.978	0.960	1.002	0.082	0.960	-0.002	0.001	0.08	-0.16
22	18.000	1.022	1056.51	1390.4	523.2	78.2	1.007	0.988	1.001	0.025	0.988	-0.000	0.004	0.25	-0.02

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN	SURVEY	DATE	
TC-494	1121	3.013	0.00	66	-10.00	-10.00	7	504	2- 8-77	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T

POINT	XT	V	VV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
16	20.000	1.030	1053.40	1394.4	579.5	78.4	1.063	1.026	1.000	-0.052	1.026	0.004	0.013	0.70	0.21
17	22.000	1.021	1055.54	1389.9	572.6	78.1	1.092	1.057	1.001	-0.112	1.057	0.009	0.023	1.25	0.51
20	24.000	1.020	1055.30	1390.0	522.6	78.2	0.975	0.963	1.004	0.080	0.963	0.002	0.006	0.35	0.10

TEST	PART	REY1C-6	ALFA	BTKG	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1744	2.099	1.99	61	0.00	-5.00	6-401	2- 9-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
5	9.000	1.022	1063.62	1417.6	533.6	85.2	1.091	1.055	1.000	-0.109	1.054	0.001	0.039	2.10	0.08
6	9.666	1.021	1062.89	1416.0	532.5	85.4	1.109	1.070	1.000	-0.140	1.069	0.002	0.046	2.47	0.08
7	10.333	1.023	1063.91	1414.8	533.6	84.8	1.099	1.061	1.001	-0.120	1.060	0.002	0.045	2.46	0.11
8	11.000	1.024	1065.08	1415.9	533.7	85.1	0.991	0.973	1.000	0.054	0.973	0.001	0.027	1.59	0.09
9	11.666	1.023	1064.69	1416.4	533.7	85.2	0.942	0.933	1.001	0.135	0.933	0.001	0.018	1.09	0.09
10	12.333	1.025	1066.05	1417.1	534.5	85.3	0.941	0.931	1.000	0.139	0.931	0.001	0.015	0.93	0.08
11	13.000	1.024	1065.58	1415.8	533.9	85.1	0.943	0.933	1.001	0.137	0.932	0.001	0.014	0.87	0.09
12	13.666	1.025	1065.29	1415.6	534.5	85.0	0.944	0.933	1.001	0.135	0.933	0.002	0.014	0.88	0.10
13	14.333	1.025	1066.34	1413.8	533.6	85.0	0.964	0.950	1.002	0.102	0.950	0.001	0.016	0.96	0.09
14	15.000	1.029	1068.32	1416.1	535.4	84.9	0.978	0.960	1.001	0.082	0.960	0.001	0.018	1.10	0.09
15	15.666	1.027	1068.17	1415.4	535.3	85.2	0.993	0.972	1.001	0.057	0.972	0.001	0.023	1.33	0.08
16	16.333	1.029	1069.28	1417.0	534.2	85.0	1.009	0.984	1.001	0.033	0.984	0.002	0.028	1.63	0.10
17	17.000	1.028	1068.37	1416.2	535.4	85.0	1.027	0.999	1.001	0.003	0.998	0.002	0.034	1.94	0.10
18	17.666	1.028	1068.63	1416.8	535.7	84.9	1.046	1.014	1.000	-0.028	1.013	0.002	0.039	2.21	0.10
19	18.333	1.026	1066.49	1413.9	533.8	84.7	1.065	1.031	1.001	-0.051	1.030	0.002	0.044	2.46	0.09
20	19.000	1.026	1068.23	1416.5	535.5	85.0	1.085	1.046	1.000	-0.092	1.044	0.001	0.049	2.66	0.06

TEST	PART	REX10-6	ALFA	WING	Y	Z	RHR SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1748	2.997	1.99	6A	0.00	-3.00	6-405	2- 9-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
5	9.000	1.024	1045.75	1416.9	534.0	85.4	1.096	1.058	1.000	-0.115	1.057	-0.002	0.042	2.20	-0.11
6	9.333	1.025	1046.96	1417.9	534.9	85.3	1.179	1.082	1.001	-0.162	1.081	0.003	0.039	2.04	0.14
7	9.666	1.024	1045.14	1414.1	533.9	84.9	1.163	1.062	0.999	-0.125	1.061	0.003	0.037	2.02	0.16
8	10.000	1.024	1044.91	1414.9	533.3	85.0	1.081	1.045	1.000	-0.091	1.045	0.003	0.034	1.85	0.17
9	10.333	1.024	1044.96	1414.8	533.3	85.0	1.027	1.003	1.000	-0.005	1.002	0.003	0.026	1.47	0.18
10	10.666	1.024	1045.59	1416.6	534.2	85.1	0.975	0.959	1.000	0.091	0.959	0.003	0.018	1.06	0.19
11	11.000	1.025	1046.15	1417.1	534.7	85.1	0.941	0.931	1.000	0.138	0.931	0.003	0.013	0.80	0.18
12	11.333	1.025	1046.33	1416.3	534.4	85.1	0.938	0.924	1.001	0.145	0.928	0.003	0.010	0.62	0.19
13	11.666	1.024	1045.07	1415.6	533.5	85.3	0.936	0.928	1.001	0.146	0.928	0.003	0.008	0.48	0.17
14	12.000	1.025	1046.25	1417.3	534.8	85.1	0.936	0.926	1.000	0.148	0.926	0.003	0.007	0.40	0.17
15	12.333	1.025	1045.80	1416.8	534.4	85.0	0.937	0.928	1.000	0.145	0.928	0.003	0.006	0.34	0.16
16	12.666	1.026	1067.24	1417.1	535.2	85.1	0.940	0.929	1.000	0.143	0.929	0.003	0.005	0.33	0.16
17	13.000	1.025	1055.80	1416.8	534.4	85.2	0.941	0.931	1.000	0.138	0.931	0.002	0.005	0.33	0.15
18	13.333	1.029	1069.14	1420.2	537.3	85.0	0.959	0.943	0.999	0.113	0.943	0.002	0.006	0.34	0.15
19	13.666	1.024	1066.66	1415.2	534.1	85.2	0.960	0.946	1.001	0.109	0.946	0.003	0.007	0.40	0.15
20	14.000	1.027	1067.83	1416.7	535.3	85.1	0.968	0.952	1.001	0.097	0.952	0.002	0.008	0.48	0.15
21	14.333	1.026	1066.94	1416.5	534.9	85.0	0.976	0.959	1.001	0.083	0.959	0.003	0.009	0.56	0.17
22	14.665	1.027	1067.62	1416.1	534.9	85.2	0.983	0.964	1.000	0.072	0.964	0.003	0.011	0.67	0.16
23	15.000	1.028	1069.63	1416.7	535.8	84.9	0.992	0.970	1.001	0.060	0.970	0.003	0.014	0.81	0.18
24	15.333	1.028	1068.52	1415.9	535.5	84.7	1.000	0.977	1.000	0.045	0.977	0.003	0.016	0.96	0.18
25	15.666	1.027	1067.76	1415.4	534.8	85.1	1.009	0.986	1.001	0.029	0.986	0.003	0.019	1.13	0.20
26	16.000	1.027	1067.84	1417.5	535.5	85.3	1.016	0.991	1.001	0.019	0.991	0.003	0.023	1.31	0.18
27	16.333	1.028	1068.72	1416.3	535.6	85.1	1.026	0.998	1.001	0.005	0.998	0.003	0.026	1.48	0.19
28	16.666	1.028	1068.84	1418.9	536.5	85.3	1.035	1.005	1.000	-0.011	1.005	0.003	0.028	1.61	0.19
29	17.000	1.027	1067.96	1415.6	534.9	85.2	1.045	1.014	1.000	-0.029	1.014	0.003	0.031	1.78	0.17
30	17.333	1.027	1068.43	1416.7	535.4	85.4	1.057	1.024	1.000	-0.047	1.023	0.004	0.034	1.92	0.21
31	17.666	1.026	1067.33	1419.0	535.9	85.1	1.067	1.033	1.000	-0.065	1.032	0.003	0.037	2.05	0.19
32	18.000	1.025	1065.66	1418.0	533.7	85.0	1.074	1.039	1.000	-0.078	1.039	0.003	0.039	2.13	0.18
33	18.333	1.025	1065.53	1416.1	534.4	85.2	1.073	1.038	1.000	-0.075	1.037	0.004	0.038	2.10	0.20
34	18.666	1.025	1066.55	1417.5	535.0	85.2	1.049	1.019	0.999	-0.038	1.018	0.003	0.033	1.87	0.18
35	19.000	1.027	1068.13	1416.7	535.4	85.3	1.010	0.986	1.000	0.020	0.986	0.003	0.027	1.57	0.18

TEST	PART	REX10-6	ALFA	WING	Y	Z	PWM SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-424	1240	3.001	1.99	48	0.00	-2.00	6-406	2- 9-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	VL	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
3	9.000	1.022	1063.49	1417.9	533.7	85.0	1.083	1.048	0.999	-0.097	1.048	0.002	0.013	0.69	0.10
4	9.333	1.023	1064.34	1416.1	533.6	84.8	1.072	1.039	0.998	-0.079	1.038	0.002	0.014	0.75	0.12
5	9.666	1.023	1064.71	1416.1	533.5	85.4	1.068	1.036	0.999	-0.073	1.036	0.002	0.014	0.77	0.12
6	10.000	1.023	1064.57	1417.4	534.0	85.1	1.056	1.026	1.000	-0.052	1.026	0.002	0.014	0.75	0.13
7	10.333	1.024	1065.18	1416.7	533.7	85.4	1.023	1.000	1.001	0.001	1.000	0.002	0.011	0.61	0.13
8	10.666	1.023	1064.73	1415.5	533.4	85.1	0.983	0.967	1.001	0.068	0.967	0.002	0.008	0.47	0.13
9	11.000	1.025	1064.36	1417.7	535.0	85.1	0.943	0.932	1.001	0.137	0.932	0.002	0.005	0.33	0.12
10	11.333	1.023	1064.47	1415.3	533.3	85.1	0.936	0.928	1.002	0.146	0.928	0.002	0.003	0.21	0.12
11	11.666	1.025	1066.16	1415.2	533.9	85.3	0.935	0.926	1.001	0.150	0.926	0.002	0.002	0.13	0.10
12	12.000	1.025	1068.65	1416.9	534.4	85.0	0.938	0.929	1.002	0.145	0.929	0.002	0.001	0.08	0.10
13	12.333	1.025	1066.27	1416.1	534.2	85.4	0.940	0.930	1.001	0.142	0.930	0.002	0.001	0.05	0.09
14	12.666	1.026	1067.38	1419.3	535.9	85.4	0.944	0.933	1.001	0.136	0.933	0.002	0.001	0.05	0.09
15	13.000	1.027	1067.85	1417.7	535.6	85.4	0.964	0.949	1.001	0.103	0.949	0.002	0.001	0.07	0.10
16	13.333	1.027	1067.75	1418.1	535.7	85.4	0.976	0.959	1.001	0.083	0.959	0.001	0.002	0.11	0.09
17	13.666	1.025	1066.85	1417.5	535.0	85.5	0.982	0.965	1.001	0.073	0.965	0.002	0.003	0.16	0.09
18	14.000	1.026	1067.50	1417.6	535.4	85.3	0.992	0.972	1.001	0.058	0.972	0.002	0.004	0.24	0.09
19	14.333	1.025	1066.12	1415.7	534.1	85.3	0.998	0.978	1.001	0.045	0.978	0.002	0.006	0.34	0.12
20	14.666	1.026	1067.20	1414.9	534.4	85.0	1.010	0.986	1.002	0.030	0.986	0.002	0.007	0.43	0.14
21	15.000	1.027	1067.57	1416.0	534.8	85.3	1.020	0.994	1.001	0.013	0.994	0.002	0.010	0.55	0.13
22	15.333	1.029	1069.44	1417.9	536.4	85.3	1.031	1.002	1.000	-0.003	1.002	0.002	0.012	0.68	0.14
23	15.666	1.027	1067.83	1416.5	535.1	85.3	1.039	1.010	1.001	-0.018	1.010	0.003	0.014	0.80	0.17
24	16.000	1.028	1068.58	1417.2	535.7	85.4	1.049	1.017	1.001	-0.033	1.017	0.003	0.016	0.90	0.18
25	16.333	1.028	1069.27	1416.8	535.8	85.5	1.058	1.024	1.001	-0.046	1.023	0.003	0.017	0.98	0.19
26	16.666	1.028	1068.86	1418.7	536.4	85.4	1.067	1.031	1.001	-0.061	1.031	0.004	0.019	1.06	0.20
27	17.000	1.026	1066.87	1416.0	534.5	85.3	1.070	1.035	1.001	-0.068	1.035	0.003	0.020	1.13	0.19
28	17.333	1.030	1070.25	1418.5	537.0	85.3	1.077	1.038	0.999	-0.076	1.037	0.004	0.021	1.18	0.20
29	17.666	1.027	1057.68	1419.1	536.1	85.2	1.079	1.041	1.000	-0.082	1.041	0.004	0.022	1.21	0.20
30	18.000	1.026	1066.72	1415.5	534.4	85.0	1.080	1.043	1.000	-0.085	1.042	0.003	0.022	1.23	0.17
31	18.333	1.028	1068.11	1415.5	535.0	85.0	1.073	1.036	1.001	-0.070	1.036	0.004	0.021	1.17	0.19
32	18.666	1.027	1067.25	1417.3	535.4	84.9	1.057	1.024	1.000	-0.048	1.024	0.004	0.019	1.04	0.20
33	19.000	1.026	1068.46	1415.2	534.1	85.0	1.040	1.012	1.001	-0.022	1.012	0.004	0.017	0.99	0.21

TEST	PART	REX10-6	ALFA	WING	Y	Z	PUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-436	1247	2.999	1.00	68	4.00	-5.00	6-403	2- 9-77	TRANSONIC 4T

POINT	X	V	VW	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	10.500	1.073	1054.30	1415.4	533.5	85.1	1.095	1.057	1.000	-0.114	1.057	0.002	0.040	2.17	0.10
5	11.000	1.073	1064.95	1417.1	533.9	85.5	1.041	1.015	1.000	-0.030	1.014	0.002	0.034	1.89	0.12
6	11.500	1.074	1068.67	1418.3	534.7	85.5	0.944	0.950	1.000	0.099	0.950	0.008	0.022	1.34	0.49
7	12.000	1.074	1055.43	1418.6	534.8	85.4	0.941	0.932	1.001	0.138	0.931	0.010	0.019	1.15	0.64
8	12.500	1.074	1065.37	1415.6	533.7	85.2	0.939	0.930	1.001	0.142	0.930	0.011	0.017	1.02	0.67
9	13.000	1.076	1066.64	1416.7	534.9	84.8	0.941	0.930	1.000	0.141	0.930	0.011	0.016	0.96	0.67
10	13.500	1.075	1054.01	1414.5	533.8	84.7	0.942	0.932	1.001	0.138	0.932	0.011	0.015	0.92	0.66
11	14.000	1.076	1067.04	1417.3	535.0	85.5	0.958	0.945	1.000	0.111	0.945	0.010	0.014	0.85	0.63
12	14.500	1.076	1044.86	1420.4	536.4	84.7	0.964	0.949	1.000	0.103	0.949	0.009	0.015	0.89	0.57
13	15.000	1.074	1069.45	1412.5	537.4	85.0	0.971	0.956	1.001	0.089	0.956	0.008	0.016	0.98	0.49
14	15.500	1.077	1067.80	1417.6	535.6	85.1	0.987	0.968	1.001	0.065	0.958	0.007	0.018	1.00	0.42
15	16.000	1.078	1068.13	1416.7	535.5	85.0	0.996	0.974	1.001	0.052	0.974	0.005	0.022	1.28	0.31
16	16.500	1.077	1067.88	1414.6	535.3	85.0	1.010	0.986	1.000	0.028	0.986	0.003	0.026	1.50	0.20
17	17.000	1.078	1060.77	1416.4	535.8	85.0	1.022	0.995	1.000	0.011	0.994	0.002	0.030	1.74	0.13
18	17.500	1.079	1065.48	1414.8	536.1	85.1	1.039	1.008	1.000	-0.016	1.008	0.001	0.035	2.00	0.08
19	18.000	1.079	1068.77	1416.6	536.1	85.3	1.059	1.024	1.001	-0.047	1.023	0.001	0.041	2.27	0.06
20	18.500	1.077	1067.56	1417.9	535.3	84.9	1.082	1.044	1.000	-0.087	1.043	0.002	0.046	2.54	0.13
21	19.000	1.077	1057.46	1415.4	534.7	85.0	1.104	1.061	1.000	-0.121	1.059	0.004	0.052	2.80	0.22

TEST	PART	RFX10-6	ALFA	WING	Y	Z	PWK SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1250	2.905	1.99	49	4.00	-3.00	6-410	2- 9-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BWL
4	10.500	1.023	1064.41	1414.7	533.1	85.0	1.104	1.063	1.000	-0.127	1.063	0.003	0.036	1.93	0.17
5	11.000	1.025	1065.05	1416.7	534.6	84.8	0.974	0.958	1.000	0.084	0.958	0.014	0.024	1.46	0.08
6	11.500	1.025	1066.08	1416.0	534.3	85.0	0.940	0.930	1.000	0.141	0.929	0.020	0.018	1.11	1.23
7	12.000	1.025	1065.56	1415.9	534.0	84.8	0.938	0.929	1.001	0.145	0.928	0.022	0.014	0.85	1.38
8	12.500	1.025	1065.84	1416.3	534.3	84.8	0.935	0.927	1.001	0.147	0.926	0.023	0.010	0.62	1.40
9	13.000	1.026	1066.61	1417.6	535.2	84.8	0.938	0.927	1.000	0.146	0.927	0.022	0.007	0.43	1.37
10	13.500	1.026	1066.87	1415.6	534.5	85.0	0.940	0.929	1.001	0.144	0.929	0.021	0.005	0.30	1.27
11	14.000	1.026	1067.22	1416.1	534.7	85.3	0.943	0.931	1.001	0.138	0.931	0.018	0.004	0.27	1.12
12	14.500	1.026	1067.08	1417.5	535.2	85.1	0.947	0.952	1.000	0.087	0.952	0.015	0.006	0.35	0.92
13	15.000	1.026	1067.28	1416.6	534.9	85.3	0.982	0.964	1.001	0.074	0.964	0.012	0.009	0.53	0.71
14	15.500	1.027	1067.54	1415.6	534.8	85.2	1.002	0.980	1.001	0.040	0.980	0.009	0.015	0.88	0.50
15	16.000	1.028	1068.70	1418.2	536.1	85.4	1.024	0.997	1.001	0.008	0.997	0.005	0.022	1.29	0.31
16	16.500	1.028	1068.15	1418.1	536.4	85.3	1.044	1.013	1.001	-0.025	1.012	0.004	0.030	1.69	0.21
17	17.000	1.028	1069.95	1415.8	535.4	85.3	1.064	1.029	1.000	-0.057	1.028	0.002	0.037	2.09	0.14
18	17.500	1.029	1068.51	1416.1	535.7	85.4	1.089	1.048	1.000	-0.095	1.047	0.003	0.046	2.49	0.16
19	18.000	1.030	1069.74	1417.5	536.6	84.9	1.110	1.063	1.000	-0.126	1.062	0.006	0.053	2.84	0.32
20	18.500	1.029	1069.28	1414.1	534.9	85.3	1.123	1.074	0.999	-0.148	1.072	0.012	0.057	3.05	0.62
21	19.000	1.029	1069.72	1418.6	537.0	85.2	1.024	0.996	0.999	0.005	0.995	0.019	0.035	2.02	1.11

TEST	PART	REX10**6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1251	2.006	1.99	68	4.00	-2.00	6-411	2- 9-77	TRANSONIC 4T

POINT	X	M	TV	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	BML
1	10.500	1.027	1063.59	1415.8	532.9	85.1	1.015	0.994	1.000	0.011	0.994	0.011	0.033	1.87	0.64
2	11.000	1.024	1064.79	1418.7	534.7	85.0	0.941	0.932	0.999	0.135	0.931	0.021	0.025	1.52	1.31
3	11.500	1.026	1064.60	1416.4	533.8	84.8	0.933	0.925	1.001	0.151	0.925	0.027	0.019	1.18	1.68
4	12.000	1.024	1065.44	1414.0	533.2	85.0	0.920	0.920	1.000	0.160	0.919	0.030	0.013	0.82	1.88
5	12.500	1.025	1065.95	1417.1	534.7	84.9	0.931	0.922	1.001	0.156	0.922	0.032	0.006	0.36	2.01
6	13.000	1.029	1068.63	1415.7	533.9	85.1	0.930	0.922	1.001	0.157	0.922	0.030	-0.000	-0.00	1.89
7	13.500	1.026	1066.77	1416.0	534.4	85.3	0.935	0.925	1.000	0.150	0.925	0.027	-0.004	-0.22	1.69
8	14.000	1.027	1068.13	1419.4	536.3	85.4	0.941	0.930	1.001	0.142	0.929	0.022	-0.005	-0.28	1.37
9	14.500	1.025	1066.46	1417.7	535.0	85.2	0.965	0.951	1.001	0.100	0.951	0.016	-0.002	-0.13	0.97
10	15.000	1.027	1067.32	1415.9	534.6	85.0	0.989	0.949	1.001	0.042	0.969	0.010	0.004	0.22	0.61
11	15.500	1.027	1067.84	1417.1	535.3	85.6	1.009	0.966	1.001	0.030	0.986	0.006	0.013	0.74	0.33
12	16.000	1.026	1067.25	1417.9	539.3	85.4	1.051	1.020	1.001	-0.038	1.019	0.001	0.027	1.51	0.07
13	16.500	1.027	1067.48	1417.0	535.2	85.7	1.077	1.040	1.000	-0.079	1.039	0.000	0.037	2.07	0.00
14	17.000	1.027	1068.00	1414.7	534.7	85.1	1.100	1.057	1.001	-0.113	1.056	0.000	0.047	2.57	0.02
15	17.500	1.028	1068.74	1417.3	536.0	85.1	1.119	1.072	0.999	-0.143	1.070	0.004	0.056	2.98	0.31
16	18.000	1.026	1060.43	1416.7	535.6	85.0	1.130	1.080	0.998	-0.161	1.078	0.010	0.061	3.23	0.53
17	18.500	1.027	1067.57	1416.0	535.1	85.1	1.098	1.024	1.000	-0.049	1.023	0.023	0.042	2.35	1.27
18	19.000	1.027	1060.72	1416.1	535.1	85.4	0.977	0.959	0.999	0.001	0.958	0.022	0.025	1.47	1.31

TEST	PART	REX10-6	ALFA	VING	Y	Z	RUN SURVEY.	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1252	7.995	1.99	68	4.00	-1.00	6-412	2- 9-77	TRANSONIC 4T

POINT	Y	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
1	10.500	1.021	1062.59	1415.8	532.4	85.1	0.985	0.971	1.000	0.059	0.970	0.016	0.034	2.00	0.92
2	11.000	1.024	1064.76	1416.9	534.0	85.0	0.937	0.929	1.000	0.143	0.928	0.027	0.031	1.93	1.67
3	11.500	1.023	1064.05	1416.5	533.5	85.0	0.927	0.921	1.001	0.159	0.920	0.037	0.026	1.63	2.31
4	12.000	1.028	1066.02	1415.5	534.1	84.9	0.918	0.911	1.000	0.178	0.910	0.047	0.018	1.11	2.99
5	12.500	1.028	1065.95	1416.5	534.5	84.7	0.911	0.906	1.000	0.189	0.904	0.053	0.001	0.06	3.38
6	13.000	1.024	1065.00	1414.1	533.0	85.1	0.912	0.907	1.001	0.187	0.906	0.048	-0.018	-1.16	3.04
7	13.500	1.027	1067.64	1417.1	535.4	85.1	0.925	0.916	1.001	0.168	0.915	0.035	-0.027	-1.66	2.20
8	14.000	1.027	1067.57	1419.5	535.9	85.1	0.937	0.926	1.001	0.149	0.925	0.023	-0.024	-1.48	1.41
9	14.500	1.026	1066.89	1414.7	534.1	85.0	0.967	0.952	1.001	0.097	0.952	0.012	-0.017	-1.02	0.73
10	15.000	1.027	1067.11	1417.4	535.4	84.8	1.001	0.979	1.001	0.043	0.979	0.004	-0.006	-0.36	0.21
11	15.500	1.026	1066.77	1416.1	534.7	84.8	1.015	0.991	1.000	0.019	0.991	-0.002	0.008	0.47	-0.13
12	16.000	1.027	1067.77	1415.6	535.0	84.9	1.044	1.014	1.000	-0.028	1.013	-0.006	0.024	1.35	-0.33
13	16.500	1.027	1067.79	1416.2	535.2	84.8	1.076	1.038	1.000	-0.077	1.038	-0.004	0.038	2.07	-0.23
14	17.000	1.028	1068.64	1415.8	535.5	84.9	1.092	1.050	0.999	-0.102	1.049	0.000	0.047	2.55	0.02
15	17.500	1.028	1068.74	1417.7	536.1	85.2	1.094	1.052	0.998	-0.106	1.051	0.007	0.051	2.78	0.39
16	18.000	1.029	1069.42	1416.5	536.1	84.8	1.082	1.042	0.998	-0.095	1.040	0.018	0.049	2.71	0.95
17	18.500	1.028	1068.50	1414.7	535.1	84.7	0.999	0.976	0.999	0.046	0.976	0.074	0.032	1.89	1.40
18	19.000	1.028	1068.45	1415.0	535.1	84.9	0.990	0.969	1.000	0.062	0.968	0.021	0.022	1.30	1.24

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-604	1253	2.997	1.00	68	-4.00	-5.00	6-416	2- 9-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	1.023	1064.27	1414.7	533.0	84.8	1.013	0.992	1.000	0.015	0.992	0.004	0.029	1.67	0.26
3	12.000	1.026	1047.05	1416.9	535.1	84.8	0.945	0.933	1.000	0.135	0.932	-0.012	0.020	1.24	-0.75
4	13.000	1.026	1046.73	1415.9	534.6	84.9	0.942	0.931	1.001	0.139	0.931	-0.013	0.017	1.05	-0.79
5	14.000	1.027	1047.82	1415.9	535.1	84.9	0.960	0.945	1.001	0.112	0.944	-0.012	0.016	0.96	-0.73
6	15.000	1.028	1048.07	1415.9	535.7	84.9	0.973	0.955	1.000	0.090	0.955	-0.010	0.017	1.03	-0.60
7	16.000	1.026	1048.37	1416.0	535.3	85.0	0.997	0.975	1.001	0.052	0.975	-0.006	0.023	1.34	-0.38
8	17.000	1.027	1047.74	1415.2	534.8	84.9	1.072	0.996	1.001	0.010	0.995	-0.004	0.031	1.77	-0.24
9	18.000	1.024	1046.87	1415.5	534.6	84.6	1.063	1.020	1.000	-0.058	1.028	-0.003	0.041	2.29	-0.17
10	19.000	1.026	1054.45	1414.0	533.9	84.6	1.107	1.064	1.000	-0.126	1.062	-0.006	0.053	2.87	-0.31

TEST	PART	REX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE
TC-404	1254	3.002	1.99	6R	-4.00	-3.00	6-417	2- 9-77

AEDC PROPULSION WIND TUNNEL
TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
2	11.000	1.023	1063.73	1417.4	533.8	84.8	0.944	0.935	0.999	0.120	0.935	-0.012	0.026	1.57	-0.73
3	12.000	1.023	1064.49	1415.4	533.3	85.0	0.936	0.928	1.001	0.146	0.927	-0.018	0.018	1.08	-1.11
4	13.000	1.024	1066.51	1417.6	535.2	84.7	0.937	0.927	1.000	0.146	0.927	-0.018	0.010	0.64	-1.13
5	14.000	1.024	1064.39	1411.0	531.8	84.6	0.942	0.933	1.002	0.139	0.932	-0.014	0.008	0.50	-0.88
6	15.000	1.027	1067.80	1414.5	534.6	85.0	0.981	0.962	1.000	0.076	0.962	-0.008	0.012	0.72	-0.47
7	16.000	1.028	1067.92	1418.6	536.2	84.8	1.072	0.995	1.001	0.011	0.995	-0.001	0.025	1.42	-0.06
8	17.000	1.024	1066.44	1413.8	533.7	86.7	1.047	1.033	1.000	-0.066	1.032	0.002	0.040	2.23	0.12
9	18.000	1.028	1068.41	1415.1	535.1	84.8	1.113	1.066	1.000	-0.133	1.065	-0.001	0.055	2.98	-0.07
10	19.000	1.028	1068.59	1417.4	536.0	85.0	1.015	0.989	0.998	0.018	0.989	-0.016	0.037	2.12	-0.90

TEST	PART	REYNO-6	ALPHA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1259	2.009	1.99	68	-4.00	-1.00	6-410	2- 9-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
4	11.000	1.022	1062.05	1415.9	532.9	84.7	0.934	0.927	1.000	0.146	0.926	-0.027	0.032	1.97	-1.65
5	12.000	1.023	1064.04	1413.4	532.4	84.8	0.916	0.911	1.001	0.179	0.910	-0.047	0.018	1.16	-2.94
6	13.000	1.024	1064.48	1415.4	533.4	84.7	0.914	0.909	1.000	0.183	0.907	-0.048	-0.018	-1.13	-3.02
7	14.000	1.025	1065.95	1416.5	534.5	84.7	0.938	0.928	1.001	0.144	0.928	-0.021	-0.024	-1.47	-1.32
8	15.000	1.025	1065.74	1413.6	533.3	84.8	0.992	0.973	1.000	0.053	0.973	-0.003	-0.006	-0.37	-0.20
9	16.000	1.027	1067.71	1417.8	535.8	84.9	1.045	1.014	0.999	-0.029	1.014	0.008	0.023	1.32	0.43
10	17.000	1.028	1068.16	1417.6	534.9	84.6	1.095	1.053	0.998	-0.109	1.052	0.001	0.047	2.55	0.08
11	18.000	1.028	1067.99	1413.9	534.5	84.8	1.082	1.043	0.998	-0.089	1.042	-0.016	0.050	2.72	-0.88
12	19.000	1.029	1069.01	1415.9	535.7	84.9	0.989	0.968	1.000	0.064	0.968	-0.019	0.022	1.30	-1.10

TEST	PART	RFX10-6	ALFA	WING	YT	ZT	PMV SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1257	3.001	1.99	66	0.00	-14.14	7-501	2- 9-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
5	-6.000	1.027	1067.53	1416.3	535.1	85.0	0.996	0.975	1.001	0.052	0.975	0.001	0.009	0.50	0.07
6	-5.500	1.028	1068.69	1417.2	535.9	85.2	0.987	0.975	1.001	0.052	0.975	0.001	0.009	0.52	0.06
7	-5.000	1.026	1066.13	1415.9	534.4	84.7	0.995	0.975	1.001	0.052	0.975	0.001	0.009	0.51	0.04
8	-4.500	1.027	1067.29	1414.3	534.2	84.9	0.983	0.973	1.001	0.056	0.973	0.001	0.009	0.52	0.04
9	-4.000	1.027	1067.81	1418.0	535.7	85.2	0.996	0.975	1.001	0.051	0.975	0.001	0.009	0.54	0.06
10	-3.500	1.026	1066.43	1416.3	534.6	85.1	0.990	0.971	1.001	0.059	0.971	0.001	0.008	0.50	0.06
11	-3.000	1.025	1066.44	1416.5	534.6	85.1	0.993	0.973	1.001	0.054	0.973	0.001	0.009	0.52	0.04
12	-2.500	1.028	1065.41	1417.0	534.5	84.7	0.993	0.974	1.001	0.053	0.974	0.001	0.009	0.52	0.06
13	-2.000	1.027	1067.61	1415.5	534.8	85.0	0.993	0.973	1.001	0.056	0.973	0.001	0.008	0.47	0.05
14	-1.500	1.028	1066.33	1415.9	534.3	85.0	0.991	0.972	1.001	0.058	0.972	0.001	0.008	0.46	0.05
15	-1.000	1.026	1066.39	1416.2	534.6	84.8	0.985	0.967	1.001	0.057	0.967	0.001	0.007	0.41	0.06
16	-0.500	1.025	1065.43	1415.5	533.9	84.7	0.981	0.964	1.001	0.073	0.964	0.001	0.006	0.34	0.06
17	0.000	1.025	1066.15	1414.2	533.7	84.7	0.981	0.964	1.000	0.074	0.963	0.001	0.005	0.29	0.05
18	0.500	1.025	1066.65	1416.9	534.4	84.9	0.980	0.963	1.001	0.075	0.963	0.001	0.004	0.23	0.05
19	1.000	1.023	1064.16	1414.2	532.8	84.8	0.979	0.964	1.002	0.074	0.964	0.001	0.003	0.17	0.04
20	1.500	1.028	1066.32	1414.9	533.7	84.5	0.983	0.966	1.001	0.069	0.966	0.001	0.001	0.07	0.05
21	2.000	1.025	1065.39	1416.0	534.1	84.6	0.983	0.966	1.001	0.069	0.966	0.000	0.000	0.01	0.02
22	2.500	1.023	1064.28	1414.4	532.9	84.8	0.986	0.969	1.001	0.063	0.969	0.001	-0.001	-0.07	0.04
23	3.000	1.024	1064.50	1416.6	533.8	84.8	0.984	0.968	1.001	0.066	0.968	0.001	-0.002	-0.12	0.04
24	3.500	1.023	1064.45	1414.7	532.8	85.0	0.985	0.969	1.001	0.063	0.969	0.000	-0.003	-0.16	0.03
25	4.000	1.023	1064.40	1416.6	533.7	85.0	0.987	0.970	1.001	0.061	0.970	0.001	-0.003	-0.20	0.04
26	4.500	1.022	1063.26	1414.0	532.3	84.7	0.987	0.971	1.002	0.061	0.971	0.001	-0.004	-0.25	0.03
27	5.000	1.024	1064.67	1415.7	533.3	84.8	0.991	0.973	1.001	0.055	0.973	0.000	-0.005	-0.27	0.02
28	5.500	1.022	1063.76	1416.7	533.6	84.7	0.982	0.975	1.001	0.051	0.975	0.000	-0.005	-0.30	-0.01
29	6.000	1.023	1063.99	1413.3	532.4	84.7	0.983	0.975	1.002	0.052	0.975	0.001	-0.005	-0.30	0.04
30	6.500	1.024	1065.01	1414.5	533.3	84.8	0.988	0.979	1.001	0.044	0.979	0.000	-0.005	-0.29	0.02
31	7.000	1.028	1065.27	1417.3	534.5	84.7	0.989	0.979	1.001	0.043	0.979	0.000	-0.005	-0.28	0.02
32	7.500	1.024	1065.28	1416.6	534.1	85.0	1.000	0.981	1.000	0.040	0.981	0.000	-0.004	-0.24	0.03
33	8.000	1.024	1065.00	1417.2	534.3	84.7	1.004	0.984	1.001	0.033	0.984	0.000	-0.003	-0.19	0.03
34	8.500	1.023	1064.58	1414.5	532.8	85.1	1.006	0.986	1.001	0.029	0.986	0.000	-0.002	-0.11	0.02
35	9.000	1.026	1066.85	1418.1	535.3	85.2	1.014	0.991	1.001	0.020	0.991	0.000	-0.001	-0.05	0.03
36	9.500	1.022	1063.06	1414.6	532.5	84.5	1.016	0.995	1.002	0.012	0.995	0.000	0.000	0.01	0.01
37	10.000	1.024	1065.18	1413.7	533.1	84.8	1.019	0.996	1.001	0.009	0.996	0.001	0.002	0.10	0.03
38	10.500	1.027	1067.79	1418.2	535.8	85.2	1.025	0.999	1.000	0.003	0.999	0.000	0.004	0.21	0.01
39	11.000	1.024	1064.87	1416.0	533.7	84.9	1.027	1.002	1.001	-0.002	1.002	0.001	0.005	0.31	0.05
40	11.500	1.026	1066.78	1414.5	534.1	84.9	1.033	1.005	1.001	-0.010	1.005	0.001	0.008	0.45	0.05
41	12.000	1.027	1067.44	1417.5	535.6	84.8	1.039	1.010	1.000	-0.020	1.010	0.001	0.009	0.54	0.05
42	12.500	1.026	1066.57	1416.5	534.5	85.3	1.015	0.992	1.001	0.018	0.992	0.001	0.008	0.45	0.08
43	13.000	1.026	1066.71	1415.9	534.6	84.8	0.973	0.957	1.001	0.088	0.957	0.001	0.003	0.19	0.04
44	13.500	1.027	1067.69	1415.1	534.8	84.7	0.944	0.932	1.001	0.138	0.932	0.001	0.001	0.06	0.04
45	14.000	1.026	1067.05	1415.2	534.5	84.9	0.961	0.947	1.001	0.108	0.947	0.000	0.000	0.02	0.03
46	14.500	1.028	1068.07	1416.6	535.6	84.7	0.965	0.949	1.001	0.104	0.949	0.000	0.000	0.00	0.03
47	15.000	1.029	1069.24	1415.6	535.7	84.8	0.968	0.950	1.001	0.101	0.950	0.001	-0.000	-0.01	0.04
48	15.500	1.030	1070.07	1417.6	536.8	84.9	0.975	0.955	1.000	0.090	0.955	0.000	-0.000	-0.03	0.03

TEST	PART	RFX10-6	ALFA	WING	YT	ZT	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1257	3.001	1.99	68	0.00	-14.14	7-501		2- 9-77	TRANSONIC 4T

POINT	XT	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UT/VW	VT/VW	WT/VW	AATL	BNTL
50	16.000	1.028	1068.34	1415.2	535.2	84.7	0.977	0.958	1.002	0.086	0.958	0.000	-0.000	-0.03	0.02
52	16.500	1.028	1069.19	1415.5	535.7	84.6	0.983	0.963	1.000	0.075	0.963	0.000	-0.000	-0.01	0.02
53	17.000	1.028	1068.38	1414.5	534.9	84.7	0.988	0.967	1.001	0.048	0.967	0.000	-0.000	-0.00	0.03
54	17.500	1.028	1067.92	1414.0	534.5	84.8	0.992	0.971	1.000	0.058	0.971	0.000	0.000	0.02	0.03
55	18.000	1.028	1068.48	1417.4	536.1	84.7	0.998	0.975	1.000	0.050	0.975	0.000	0.001	0.06	0.01
56	18.500	1.028	1067.69	1412.4	533.9	84.7	1.002	0.979	1.001	0.046	0.979	0.000	0.002	0.11	0.02
58	19.000	1.028	1068.26	1416.8	536.2	84.8	1.012	0.986	1.001	0.028	0.986	0.001	0.003	0.18	0.04
59	19.500	1.026	1066.45	1415.8	534.4	84.9	1.015	0.991	1.000	0.018	0.991	0.000	0.005	0.27	0.02
60	20.000	1.027	1067.14	1414.6	534.3	84.8	1.024	0.998	1.001	0.005	0.998	0.001	0.006	0.34	0.05
61	20.500	1.028	1068.65	1414.2	535.4	85.1	1.034	1.005	1.000	-0.009	1.005	0.001	0.008	0.45	0.04
62	21.000	1.029	1065.88	1417.6	536.3	84.8	1.043	1.012	1.000	-0.023	1.012	0.001	0.010	0.57	0.06
63	21.500	1.026	1066.87	1416.2	534.8	84.9	1.050	1.019	1.001	-0.037	1.019	0.001	0.013	0.71	0.04
64	22.000	1.026	1066.97	1414.2	534.8	84.8	1.059	1.026	1.000	-0.052	1.026	0.001	0.016	0.87	0.04
65	22.500	1.027	1067.42	1413.6	534.1	84.7	1.068	1.033	1.001	-0.064	1.032	0.001	0.018	1.00	0.04
66	23.000	1.029	1068.08	1415.3	535.6	84.7	1.039	1.008	0.999	-0.016	1.008	0.001	0.013	0.75	0.03
67	23.500	1.028	1068.87	1417.0	536.0	85.0	0.992	0.971	1.000	0.058	0.971	0.000	0.006	0.37	0.02
68	24.000	1.028	1068.76	1416.0	535.4	84.7	0.992	0.971	1.000	0.059	0.971	0.000	0.005	0.30	0.01

TEST	PART	RE X10-6	ALPHA	WING	YP	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1258	3.000	1.03	69	10.00	-10.00	7-502	2- 9-77	TRANSONIC 4T

POINT	YP	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
2	-6.000	1.023	1044.53	1414.3	533.7	84.9	0.991	0.974	1.000	0.053	0.974	0.001	0.009	0.54	0.03
3	-5.500	1.024	1046.75	1415.2	533.5	85.1	0.992	0.974	1.001	0.054	0.974	0.001	0.003	0.15	0.04
4	-5.000	1.026	1047.32	1415.7	535.0	85.2	0.992	0.972	1.001	0.056	0.972	0.001	0.003	0.16	0.04
5	-4.500	1.025	1045.46	1415.9	534.1	85.0	0.992	0.973	1.002	0.057	0.973	0.000	0.003	0.15	0.02
6	-4.000	1.025	1046.40	1417.2	534.8	84.8	0.993	0.974	1.001	0.054	0.974	0.001	0.003	0.15	0.03
7	-3.500	1.023	1044.60	1414.3	532.9	85.1	0.990	0.973	1.002	0.057	0.973	0.000	0.003	0.16	0.03
8	-3.000	1.025	1045.25	1418.1	535.1	85.1	0.993	0.974	1.001	0.053	0.974	0.000	0.003	0.15	0.03
9	-2.500	1.023	1043.53	1416.4	533.4	84.7	0.989	0.973	1.002	0.057	0.973	0.000	0.002	0.12	0.01
10	-2.000	1.022	1043.60	1412.6	531.8	84.8	0.988	0.972	1.001	0.058	0.972	0.001	0.002	0.11	0.05
11	-1.500	1.025	1046.00	1415.3	534.0	85.0	0.989	0.971	1.001	0.060	0.971	0.001	0.001	0.08	0.04
12	-1.000	1.025	1045.53	1416.5	534.3	84.7	0.985	0.968	1.001	0.066	0.968	0.001	0.001	0.05	0.07
13	-0.500	1.024	1046.12	1415.9	533.9	84.7	0.982	0.965	1.000	0.070	0.965	0.002	-0.000	-0.00	0.11
14	0.000	1.024	1044.57	1415.4	533.5	84.7	0.981	0.965	1.001	0.073	0.965	0.002	-0.001	-0.03	0.14
15	0.500	1.025	1045.50	1415.1	533.7	84.9	0.980	0.963	1.001	0.074	0.963	0.003	-0.001	-0.08	0.17
16	1.000	1.025	1045.43	1416.8	534.3	85.0	0.980	0.964	1.001	0.074	0.964	0.003	-0.002	-0.12	0.18
17	1.500	1.024	1044.75	1415.6	533.5	85.0	0.978	0.963	1.002	0.077	0.963	0.004	-0.003	-0.17	0.22
18	2.000	1.025	1046.01	1415.7	534.1	85.1	0.982	0.965	1.001	0.072	0.965	0.005	-0.003	-0.21	0.28
19	2.500	1.024	1046.70	1417.6	534.6	85.2	0.982	0.966	1.001	0.070	0.966	0.005	-0.004	-0.23	0.31
20	3.000	1.024	1045.77	1416.7	533.8	85.3	0.983	0.967	1.001	0.069	0.967	0.006	-0.005	-0.29	0.33
21	3.500	1.025	1045.77	1415.9	534.1	84.8	0.986	0.968	1.001	0.065	0.968	0.006	-0.006	-0.33	0.37
22	4.000	1.026	1046.41	1415.7	534.4	84.7	0.990	0.971	1.001	0.060	0.971	0.007	-0.006	-0.38	0.40
23	4.500	1.024	1044.77	1415.1	533.6	84.3	0.987	0.970	1.001	0.063	0.969	0.007	-0.007	-0.42	0.43
24	5.000	1.025	1044.72	1412.4	532.7	84.1	0.986	0.968	1.001	0.065	0.968	0.007	-0.007	-0.41	0.43
25	5.500	1.025	1045.74	1414.6	533.7	84.6	0.990	0.972	1.001	0.057	0.972	0.007	-0.007	-0.41	0.43
26	6.000	1.025	1045.66	1415.4	533.9	84.0	0.989	0.971	1.002	0.061	0.971	0.007	-0.007	-0.40	0.43
27	6.500	1.025	1044.22	1416.3	534.5	84.8	0.994	0.974	1.001	0.052	0.974	0.007	-0.007	-0.40	0.39
28	7.000	1.025	1046.59	1417.2	534.5	85.0	0.996	0.977	1.001	0.048	0.977	0.007	-0.007	-0.40	0.39
29	7.500	1.025	1045.31	1413.0	537.9	84.7	1.002	0.982	1.001	0.038	0.982	0.006	-0.007	-0.40	0.35
30	8.000	1.027	1047.50	1415.8	534.7	85.0	1.009	0.986	1.000	0.029	0.986	0.006	-0.007	-0.38	0.32
31	8.500	1.026	1046.70	1417.0	534.9	84.6	1.013	0.989	1.002	0.023	0.989	0.005	-0.006	-0.34	0.28
32	9.000	1.026	1046.74	1417.6	533.3	84.7	1.015	0.991	1.000	0.018	0.991	0.004	-0.005	-0.30	0.24
33	9.500	1.020	1047.64	1417.8	535.8	84.7	1.021	0.995	1.000	0.010	0.995	0.004	-0.004	-0.22	0.21
34	10.000	1.027	1047.13	1417.1	535.3	84.8	1.023	0.997	1.001	0.007	0.997	0.002	-0.003	-0.15	0.16
35	10.500	1.026	1046.77	1414.8	534.0	84.8	1.025	1.000	1.001	0.002	1.000	0.002	-0.001	-0.07	0.09
36	11.000	1.023	1047.40	1415.8	534.7	85.0	1.031	1.003	1.001	-0.006	1.003	0.001	0.000	0.03	0.03
37	11.500	1.025	1046.05	1415.7	534.0	84.9	1.035	1.008	1.007	-0.013	1.008	-0.000	0.002	0.09	-0.03
38	12.000	1.027	1047.75	1415.6	535.0	84.7	1.044	1.013	1.001	-0.026	1.013	-0.001	0.003	0.15	-0.07
39	12.500	1.025	1045.45	1413.1	533.2	84.7	1.025	1.000	1.001	0.003	1.000	-0.000	0.002	0.10	-0.00
40	13.000	1.027	1047.75	1418.4	535.0	84.7	0.982	0.963	1.000	0.074	0.963	0.003	-0.002	-0.14	0.20
41	13.500	1.025	1045.07	1414.0	534.3	84.7	0.960	0.946	1.001	0.108	0.946	0.005	-0.004	-0.25	0.31
42	14.000	1.027	1047.17	1416.4	535.0	84.9	0.962	0.947	1.000	0.107	0.947	0.006	-0.005	-0.28	0.36
43	14.500	1.027	1048.06	1416.7	535.2	85.1	0.963	0.947	1.001	0.107	0.947	0.006	-0.005	-0.30	0.35
44	15.000	1.027	1047.15	1415.0	534.8	84.7	0.967	0.951	1.001	0.100	0.951	0.006	-0.005	-0.30	0.35
45	15.500	1.027	1047.50	1414.9	534.7	84.7	0.972	0.955	1.001	0.091	0.955	0.006	-0.005	-0.27	0.34

TEST	PART	REX10-6	ALFA	WING	YT	ZT	PWN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1258	3.000	1.99	6A	10.00	-10.00	7-502	2- 9-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BNTL
46	16.000	1.028	1068.10	1415.3	535.1	84.6	0.978	0.960	1.000	0.081	0.960	0.006	-0.005	-0.28	0.34
47	16.500	1.029	1069.11	1414.3	536.0	84.5	0.984	0.963	1.001	0.075	0.963	0.006	-0.005	-0.28	0.34
48	17.000	1.028	1069.10	1413.4	534.7	85.1	0.988	0.969	1.001	0.066	0.967	0.006	-0.005	-0.27	0.33
49	17.500	1.029	1069.31	1416.3	536.1	84.6	0.996	0.973	1.001	0.054	0.973	0.005	-0.004	-0.24	0.30
50	18.000	1.029	1068.78	1414.5	535.1	84.8	1.004	0.981	1.001	0.040	0.980	0.005	-0.003	-0.19	0.27
51	18.500	1.028	1068.44	1414.3	534.9	84.7	1.014	0.989	1.001	0.024	0.989	0.004	-0.002	-0.10	0.25
55	19.000	1.028	1068.73	1414.8	535.1	84.9	1.024	0.997	1.002	0.009	0.996	0.004	-0.000	-0.02	0.22
56	19.500	1.029	1069.15	1415.8	535.8	84.7	1.036	1.006	1.000	-0.011	1.006	0.003	0.002	0.09	0.17
57	20.000	1.027	1067.40	1415.3	534.8	84.7	1.047	1.018	1.001	-0.031	1.016	0.002	0.004	0.24	0.12
58	20.500	1.026	1066.79	1414.7	534.2	84.8	1.062	1.028	1.001	-0.056	1.028	0.001	0.008	0.46	0.07
59	21.000	1.026	1066.95	1414.2	534.8	85.0	1.075	1.039	1.001	-0.076	1.038	-0.000	0.012	0.64	-0.02
60	21.500	1.027	1067.40	1415.9	534.8	85.1	1.088	1.047	1.000	-0.094	1.047	-0.001	0.015	0.84	-0.08
61	22.000	1.026	1066.94	1417.1	535.2	84.7	1.069	1.034	0.999	-0.068	1.033	-0.000	0.013	0.71	-0.02
62	22.500	1.027	1067.48	1414.3	534.4	84.7	0.996	0.975	0.999	0.049	0.975	0.004	0.003	0.18	0.25
63	23.000	1.028	1068.32	1414.5	535.6	84.7	1.000	0.977	1.000	0.045	0.977	0.005	0.001	0.04	0.30
64	23.500	1.025	1066.21	1414.4	533.8	84.9	0.996	0.976	1.001	0.049	0.976	0.004	0.001	0.04	0.26
65	24.000	1.026	1066.80	1418.2	535.4	85.0	0.990	0.971	1.000	0.059	0.971	0.004	0.001	0.04	0.21

TEST	PART	RPX10-6	ALFA	WING	YT	ZT	RUN	SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1259	3.002	1.99	68	14.14	0.00	7	503	2- 9-77	TRANSONIC 4T

POINT	X	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	SWTL
3	-6.000	1.023	1063.92	1417.6	533.9	84.8	0.989	0.973	1.001	0.056	0.973	0.000	0.004	0.25	0.03
4	-5.500	1.023	1063.92	1415.1	532.9	84.9	0.989	0.972	1.001	0.057	0.972	0.000	0.004	0.23	0.01
5	-5.000	1.024	1064.53	1415.1	533.3	84.7	0.990	0.972	1.001	0.057	0.972	0.000	0.004	0.24	0.02
6	-4.500	1.025	1065.65	1416.7	534.5	84.7	0.991	0.972	1.000	0.056	0.972	0.000	0.004	0.26	0.01
7	-4.000	1.023	1063.80	1416.0	533.3	84.8	0.988	0.972	1.001	0.058	0.972	0.000	0.004	0.24	0.02
8	-3.500	1.024	1064.62	1414.7	533.3	84.6	0.988	0.971	1.001	0.060	0.971	0.000	0.004	0.25	0.00
9	-3.000	1.024	1064.86	1416.2	533.1	84.7	0.989	0.971	1.001	0.059	0.971	0.000	0.004	0.25	0.02
10	-2.500	1.026	1065.60	1414.3	533.4	84.9	0.990	0.972	1.002	0.059	0.972	0.000	0.004	0.23	0.02
11	-2.000	1.026	1066.57	1415.3	534.2	84.9	0.990	0.971	1.001	0.060	0.971	0.001	0.004	0.25	0.04
12	-1.500	1.025	1065.75	1416.7	534.4	85.0	0.988	0.970	1.002	0.062	0.970	0.001	0.004	0.23	0.07
13	-1.000	1.024	1064.53	1414.9	533.6	84.4	0.982	0.966	1.002	0.071	0.966	0.002	0.004	0.23	0.09
14	-0.500	1.026	1065.32	1412.4	533.2	84.7	0.980	0.963	1.001	0.076	0.963	0.003	0.004	0.22	0.16
15	0.000	1.027	1067.40	1417.2	535.4	84.9	0.981	0.962	1.000	0.076	0.962	0.003	0.004	0.22	0.19
16	0.500	1.026	1066.36	1415.0	534.2	84.7	0.980	0.962	1.002	0.077	0.962	0.005	0.003	0.21	0.28
17	1.000	1.025	1066.87	1415.2	534.5	84.7	0.979	0.962	1.001	0.078	0.962	0.006	0.003	0.20	0.33
18	1.500	1.027	1067.04	1416.3	535.0	84.7	0.981	0.963	1.001	0.075	0.963	0.006	0.004	0.22	0.38
19	2.000	1.027	1067.59	1417.0	535.4	84.8	0.981	0.962	1.001	0.077	0.962	0.008	0.004	0.22	0.45
20	2.500	1.027	1068.00	1417.4	535.7	85.0	0.981	0.963	1.000	0.075	0.963	0.009	0.004	0.21	0.53
21	3.000	1.026	1067.09	1414.7	534.3	84.9	0.981	0.963	1.001	0.076	0.963	0.009	0.004	0.22	0.50
22	3.500	1.028	1067.85	1414.8	534.8	84.7	0.983	0.964	1.001	0.074	0.964	0.010	0.004	0.22	0.60
23	4.000	1.026	1066.58	1415.8	534.6	84.7	0.986	0.967	1.002	0.068	0.967	0.010	0.003	0.20	0.62
24	4.500	1.026	1067.01	1415.1	534.5	84.8	0.985	0.966	1.001	0.068	0.966	0.010	0.003	0.20	0.62
25	5.000	1.027	1067.34	1417.1	535.3	85.0	0.987	0.968	1.001	0.065	0.968	0.011	0.003	0.19	0.65
26	5.500	1.024	1064.90	1413.7	533.1	84.5	0.986	0.969	1.002	0.065	0.969	0.011	0.003	0.16	0.64
27	6.000	1.027	1067.35	1414.6	534.5	84.7	0.992	0.972	1.001	0.058	0.972	0.010	0.003	0.17	0.61
28	6.500	1.028	1066.65	1416.9	534.7	84.8	0.994	0.974	1.001	0.054	0.974	0.010	0.003	0.16	0.59
29	7.000	1.028	1064.04	1413.6	533.5	84.7	0.996	0.975	1.002	0.050	0.976	0.010	0.003	0.19	0.56
30	7.500	1.028	1067.98	1416.0	535.2	84.7	1.001	0.979	1.000	0.043	0.979	0.009	0.003	0.19	0.50
31	8.000	1.026	1066.41	1414.7	534.1	84.6	1.003	0.981	1.001	0.040	0.981	0.008	0.004	0.22	0.48
32	8.500	1.026	1066.33	1413.0	533.5	84.5	1.009	0.986	1.002	0.031	0.986	0.007	0.004	0.21	0.42
33	9.000	1.027	1067.57	1415.8	535.0	84.7	1.014	0.990	1.000	0.022	0.990	0.006	0.003	0.20	0.37
34	9.500	1.026	1066.45	1414.6	534.0	85.0	1.020	0.995	1.001	0.011	0.995	0.005	0.003	0.19	0.27
35	10.000	1.028	1068.21	1418.0	536.1	84.9	1.026	0.998	1.001	0.006	0.998	0.004	0.004	0.21	0.24
36	10.500	1.027	1067.30	1414.7	534.6	84.9	1.029	1.002	1.002	-0.002	1.002	0.002	0.003	0.16	0.14
37	11.000	1.027	1067.43	1416.5	535.1	85.0	1.039	1.010	1.001	-0.018	1.010	0.001	0.003	0.15	0.03
38	11.500	1.026	1066.82	1415.7	534.5	85.0	1.041	1.012	1.002	-0.022	1.012	-0.002	0.003	0.16	-0.00
39	12.000	1.027	1067.63	1416.3	535.7	84.8	1.047	1.016	1.001	-0.030	1.016	-0.004	0.003	0.16	-0.20
40	12.500	1.027	1067.51	1415.1	534.6	84.9	1.034	1.006	1.001	-0.010	1.006	-0.004	0.004	0.21	-0.22
41	13.000	1.028	1068.69	1417.4	536.0	85.0	1.001	0.978	1.000	0.044	0.978	0.001	0.004	0.25	0.09
42	13.500	1.027	1067.64	1417.1	535.4	85.0	0.967	0.951	1.001	0.099	0.951	0.006	0.005	0.27	0.36
43	14.000	1.028	1068.55	1415.6	535.4	84.8	0.963	0.947	1.001	0.107	0.947	0.007	0.005	0.31	0.44
44	14.500	1.029	1069.01	1415.5	535.5	84.9	0.965	0.948	1.001	0.105	0.948	0.007	0.005	0.32	0.45
45	15.000	1.027	1067.24	1414.2	534.2	84.8	0.968	0.952	1.001	0.098	0.952	0.008	0.005	0.33	0.47
46	15.500	1.027	1067.40	1413.9	534.3	84.8	0.973	0.956	1.001	0.090	0.956	0.008	0.006	0.34	0.49

TEST	PART	REX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL TRANSONIC 4T
TC-494	1259	3.002	1.99	68	14.14	0.00	7-503	2- 9-77	

POINT	XT	M	VV	PT	Q	TT	VL	VHL/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
47	16.000	1.029	1069.12	1416.3	535.9	85.1	0.982	0.962	1.001	0.077	0.962	0.008	0.006	0.36	0.49
48	16.500	1.029	1068.98	1416.8	535.8	85.1	0.988	0.967	1.001	0.067	0.967	0.008	0.006	0.38	0.47
49	17.000	1.027	1067.87	1416.0	535.1	85.0	0.997	0.976	1.001	0.050	0.976	0.007	0.007	0.40	0.43
50	17.500	1.029	1068.79	1417.2	536.1	84.7	1.010	0.985	1.001	0.032	0.985	0.005	0.007	0.41	0.30
51	18.000	1.027	1067.55	1414.6	534.6	84.7	1.026	0.999	1.001	0.004	0.999	0.003	0.007	0.42	0.16
52	18.500	1.028	1068.42	1415.7	535.4	84.7	1.049	1.016	1.001	-0.031	1.016	-0.002	0.008	0.46	-0.09
53	19.000	1.027	1067.64	1414.4	534.5	84.8	1.070	1.034	1.001	-0.067	1.034	-0.007	0.008	0.46	-0.37
54	19.500	1.026	1066.79	1414.4	534.1	84.7	1.084	1.046	1.001	-0.090	1.046	-0.011	0.009	0.50	-0.59
55	20.000	1.027	1067.53	1413.6	534.2	84.7	1.091	1.051	1.000	-0.101	1.051	-0.014	0.009	0.50	-0.77
56	20.500	1.028	1066.60	1414.7	535.1	84.7	1.104	1.063	1.000	-0.124	1.063	-0.019	0.010	0.53	-1.03
57	21.000	1.025	1068.50	1415.1	535.2	84.8	1.117	1.069	1.000	-0.139	1.069	-0.023	0.010	0.53	-1.22
58	21.500	1.029	1069.37	1416.2	536.0	84.8	1.079	1.000	0.999	-0.000	0.999	-0.006	0.010	0.60	-0.35
59	22.000	1.026	1066.38	1415.0	534.4	84.9	1.001	0.980	1.000	0.039	0.980	-0.001	0.012	0.67	-0.06
60	22.500	1.026	1066.57	1415.8	534.6	84.9	1.001	0.979	1.000	0.041	0.979	-0.002	0.012	0.69	-0.10
61	23.000	1.027	1067.24	1416.7	535.7	84.7	0.995	0.974	1.001	0.053	0.974	-0.002	0.012	0.69	-0.14
62	23.500	1.027	1067.66	1414.8	534.1	84.7	0.982	0.964	1.001	0.074	0.964	-0.004	0.011	0.67	-0.22
64	24.000	1.028	1058.77	1416.4	535.6	85.2	0.978	0.959	1.001	0.083	0.959	-0.005	0.012	0.69	-0.29

TEST	PART	RE X10-6	ALFA	WING	YT	ZT	PWV SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
3C-484	1260	3.001	1.00	48	-10.00	-10.00	7-594	2- 9-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
2	-6.000	1.027	1067.94	1417.1	535.3	85.2	0.983	0.972	1.002	0.058	0.972	0.000	0.004	0.26	0.01
3	-4.000	1.026	1066.10	1415.8	534.4	84.7	0.994	0.974	1.001	0.054	0.974	0.000	0.007	0.40	0.02
4	-2.000	1.026	1066.22	1415.5	534.3	84.7	0.990	0.971	1.001	0.058	0.971	0.000	0.007	0.39	0.01
5	0.000	1.025	1066.32	1415.7	534.3	85.0	0.981	0.964	1.001	0.073	0.964	-0.002	0.004	0.23	-0.13
6	2.000	1.024	1064.94	1416.3	533.8	85.0	0.980	0.964	1.002	0.074	0.964	-0.005	0.001	0.07	-0.27
7	4.000	1.024	1064.80	1416.0	533.7	84.9	0.988	0.971	1.001	0.060	0.971	-0.007	-0.002	-0.11	-0.40
8	6.000	1.025	1066.13	1416.3	534.2	85.4	0.980	0.972	1.001	0.058	0.972	-0.007	-0.003	-0.19	-0.42
9	8.000	1.025	1066.70	1417.2	534.6	85.3	1.008	0.986	1.001	0.030	0.986	-0.006	-0.003	-0.15	-0.33
10	10.000	1.025	1066.17	1415.8	534.2	85.1	1.021	0.997	1.001	0.008	0.997	-0.002	0.002	0.10	-0.11
11	12.000	1.027	1066.95	1417.3	535.3	84.7	1.042	1.012	1.000	-0.024	1.012	0.003	0.007	0.39	0.17
12	14.000	1.027	1068.05	1414.8	534.6	85.2	0.961	0.946	1.000	0.108	0.946	-0.006	-0.001	-0.04	-0.36
13	16.000	1.030	1069.92	1416.7	536.3	85.1	0.979	0.959	1.001	0.083	0.959	-0.006	-0.001	-0.06	-0.33
14	18.000	1.029	1069.00	1414.7	535.1	85.1	1.004	0.981	1.001	0.041	0.981	-0.005	0.001	0.07	-0.28
17	20.000	1.029	1068.07	1415.8	535.8	84.7	1.054	1.020	1.000	-0.039	1.020	-0.001	0.009	0.49	-0.08
18	22.000	1.027	1067.45	1413.4	534.0	84.8	1.076	1.039	1.000	-0.078	1.039	0.001	0.017	0.93	0.05
19	24.000	1.029	1069.46	1416.2	535.8	85.2	0.994	0.972	1.000	0.057	0.972	-0.004	0.005	0.31	-0.26

TEST	PART	RNX10-6	ALFA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1766	2.098	-2.01	6B	0.00	-5.00	6-401	2- 9-77	TRANSONIC 4T

POINT	X	M	VW	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VM	VL/VM	WL/VM	AAL	SWL
7	9.000	1.074	1069.31	1426.5	537.8	88.7	1.103	1.063	1.000	-0.125	1.063	-0.000	-0.024	-1.29	-0.03
8	9.666	1.027	1071.21	1425.4	538.7	88.4	1.127	1.078	1.000	-0.155	1.078	-0.000	-0.019	-1.00	-0.02
9	10.333	1.027	1071.54	1429.9	540.4	86.6	1.104	1.061	1.000	-0.121	1.060	-0.000	-0.020	-1.08	-0.01
10	11.000	1.074	1068.80	1426.7	537.9	88.6	0.985	0.968	1.001	0.046	0.967	-0.001	-0.037	-2.17	-0.06
11	11.666	1.027	1070.95	1427.8	539.5	88.1	0.976	0.959	1.000	0.083	0.958	-0.001	-0.041	-2.43	-0.08
12	12.333	1.028	1072.48	1427.3	540.0	88.3	0.982	0.962	1.001	0.078	0.961	-0.001	-0.040	-2.30	-0.07
13	13.000	1.025	1069.03	1425.7	537.6	88.7	0.988	0.970	1.002	0.064	0.969	-0.001	-0.036	-2.15	-0.05
14	13.666	1.028	1071.84	1427.4	539.8	88.3	1.000	0.977	1.001	0.047	0.977	-0.000	-0.032	-1.86	-0.02
15	14.333	1.024	1067.96	1426.6	537.6	88.3	1.006	0.985	1.001	0.031	0.985	-0.000	-0.026	-1.51	-0.02
16	15.000	1.028	1071.95	1428.4	540.1	88.6	1.021	0.994	1.000	0.012	0.994	-0.000	-0.020	-1.15	-0.01
17	15.666	1.028	1071.50	1427.5	539.7	88.3	1.043	1.012	1.001	-0.023	1.012	-0.000	-0.015	-0.83	-0.02
18	16.333	1.027	1070.87	1425.7	538.7	88.3	1.061	1.027	1.001	-0.053	1.027	-0.001	-0.007	-0.41	-0.04
19	17.000	1.028	1070.08	1428.4	539.3	88.4	1.087	1.049	1.000	-0.096	1.049	-0.000	0.001	0.03	-0.01
20	17.666	1.029	1072.33	1427.4	540.1	88.1	1.111	1.064	1.000	-0.128	1.064	0.000	0.008	0.43	0.02
21	18.333	1.029	1072.53	1427.4	540.0	88.6	1.136	1.083	0.998	-0.168	1.093	0.001	0.017	0.88	0.06
22	19.000	1.074	1070.45	1427.8	539.1	88.9	1.155	1.101	1.000	-0.200	1.100	0.001	0.022	1.16	0.06

TEST	PART	REX10-6	ALPA	WING	Y	Z	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1267	2.996	-2.01	88	4.00	-5.00	6-403	2- 9-77	TRANSONIC 4T

POINT	X	M	VP	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UL/VP	VL/VM	WL/VM	AAL	SWL
4	10.500	1.027	1071.46	1425.7	538.8	88.6	1.086	1.046	1.000	-0.092	1.046	-0.004	-0.027	-1.50	-0.19
5	11.000	1.026	1070.26	1428.8	539.5	88.4	1.036	1.008	1.000	-0.016	1.007	-0.002	-0.035	-2.01	-0.13
6	11.500	1.026	1070.51	1428.1	539.4	88.4	0.970	0.954	1.000	0.093	0.953	0.002	-0.043	-2.36	0.09
7	12.000	1.028	1071.71	1425.8	539.1	88.4	0.972	0.954	1.001	0.092	0.953	0.002	-0.045	-2.72	0.10
8	12.500	1.023	1067.53	1429.8	538.5	88.5	0.972	0.958	1.001	0.084	0.957	0.000	-0.045	-2.71	0.03
9	13.000	1.025	1068.82	1427.5	539.4	89.3	0.977	0.961	1.001	0.078	0.960	-0.001	-0.044	-2.64	-0.06
10	13.500	1.027	1071.13	1426.6	539.1	88.3	0.990	0.970	1.001	0.061	0.969	-0.003	-0.042	-2.50	-0.18
13	14.000	1.025	1069.09	1428.8	538.6	88.6	0.991	0.973	1.001	0.055	0.972	-0.005	-0.039	-2.28	-0.31
14	14.500	1.025	1069.15	1427.0	538.2	88.6	1.001	0.981	1.002	0.040	0.980	-0.007	-0.035	-2.04	-0.42
15	15.000	1.025	1069.50	1427.3	538.4	89.7	1.013	0.990	1.001	0.020	0.990	-0.009	-0.031	-1.79	-0.54
16	15.500	1.023	1067.61	1429.0	539.2	89.7	1.023	1.000	1.001	0.000	1.000	-0.011	-0.027	-1.54	-0.63
17	16.000	1.025	1069.59	1426.9	538.4	88.6	1.041	1.013	1.001	-0.025	1.013	-0.013	-0.022	-1.24	-0.72
18	16.500	1.027	1071.60	1428.3	539.9	88.6	1.062	1.028	1.000	-0.055	1.027	-0.014	-0.016	-0.89	-0.77
19	17.000	1.025	1069.24	1428.9	539.0	88.6	1.086	1.048	1.000	-0.096	1.048	-0.015	-0.009	-0.49	-0.84
23	17.500	1.022	1066.99	1428.2	537.4	89.0	1.108	1.069	0.999	-0.137	1.068	-0.015	-0.004	-0.21	-0.80
24	18.000	1.025	1069.09	1431.5	539.9	88.6	1.126	1.079	1.000	-0.158	1.079	-0.016	0.004	0.20	-0.84
25	18.500	1.025	1069.07	1425.5	537.6	88.6	1.145	1.094	1.000	-0.187	1.094	-0.016	0.011	0.60	-0.81
26	19.000	1.023	1068.06	1428.8	538.4	88.5	1.164	1.110	0.998	-0.220	1.110	-0.014	0.019	0.99	-0.74

TEST	PART	RFX10-6	ALFA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-494	1763	2.099	-2.01	68	0.00	-14.14	7-601	2- 9-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
5	-6.000	1.027	1067.49	1414.1	534.4	84.7	0.994	0.973	1.001	0.056	0.973	0.001	0.009	0.52	0.06
6	-5.500	1.024	1066.32	1415.3	534.2	84.7	0.996	0.976	1.001	0.090	0.976	0.001	0.009	0.52	0.06
7	-5.000	1.026	1066.65	1417.1	535.1	84.7	0.993	0.973	1.001	0.055	0.973	0.001	0.009	0.53	0.06
8	-4.500	1.026	1066.44	1413.8	533.6	85.0	0.992	0.973	1.001	0.055	0.973	0.000	0.009	0.53	0.03
9	-4.000	1.026	1066.92	1418.2	535.5	84.9	0.996	0.975	1.001	0.051	0.975	0.001	0.009	0.54	0.05
10	-3.500	1.027	1067.97	1416.0	535.1	85.2	0.991	0.971	1.002	0.060	0.971	0.000	0.009	0.53	0.02
11	-3.000	1.025	1066.95	1414.2	533.6	84.9	0.992	0.973	1.001	0.056	0.973	0.001	0.009	0.51	0.04
12	-2.500	1.025	1065.69	1416.0	534.2	84.7	0.992	0.973	1.001	0.055	0.973	0.001	0.009	0.52	0.07
13	-2.000	1.024	1065.38	1413.5	532.9	85.1	0.990	0.972	1.002	0.058	0.972	0.001	0.008	0.49	0.04
14	-1.500	1.025	1066.83	1419.6	535.7	84.7	0.993	0.973	1.000	0.054	0.973	0.001	0.008	0.46	0.05
15	-1.000	1.025	1065.61	1414.5	533.6	84.8	0.981	0.964	1.001	0.073	0.964	0.001	0.007	0.40	0.04
16	-0.500	1.025	1065.76	1414.8	533.8	84.7	0.982	0.965	1.001	0.071	0.965	0.000	0.006	0.34	0.03
17	0.000	1.024	1064.43	1415.1	533.3	84.7	0.980	0.964	1.001	0.073	0.964	0.001	0.005	0.29	0.03
18	0.500	1.024	1065.19	1414.3	533.2	84.8	0.979	0.963	1.001	0.075	0.963	0.001	0.004	0.21	0.04
19	1.000	1.023	1063.81	1414.3	532.6	84.9	0.980	0.965	1.002	0.073	0.965	0.000	0.002	0.12	0.02
20	1.500	1.023	1064.57	1415.1	533.2	84.9	0.981	0.969	1.001	0.070	0.965	0.000	0.001	0.05	0.00
21	2.000	1.022	1063.59	1416.0	533.1	85.0	0.982	0.967	1.002	0.068	0.967	0.001	-0.001	-0.05	0.04
22	2.500	1.024	1064.82	1417.6	534.3	85.0	0.983	0.967	1.001	0.068	0.967	0.000	-0.002	-0.12	0.03
23	3.000	1.026	1064.44	1413.4	532.6	84.7	0.981	0.965	1.001	0.071	0.965	0.001	-0.003	-0.17	0.04
24	3.500	1.024	1064.69	1414.2	533.0	84.7	0.985	0.968	1.001	0.065	0.968	0.001	-0.004	-0.24	0.03
25	4.000	1.023	1064.11	1414.5	532.9	84.7	0.985	0.969	1.002	0.065	0.969	0.000	-0.005	-0.27	0.00
26	4.500	1.023	1063.65	1413.8	532.5	84.6	0.988	0.972	1.001	0.059	0.972	0.000	-0.005	-0.32	0.02
27	5.000	1.024	1064.71	1414.3	533.1	84.8	0.991	0.973	1.001	0.056	0.973	-0.000	-0.006	-0.35	-0.00
28	5.500	1.024	1064.57	1414.8	533.3	84.6	0.995	0.976	1.001	0.049	0.976	0.000	-0.006	-0.35	0.01
29	6.000	1.024	1064.58	1415.4	533.4	84.8	0.996	0.977	1.001	0.047	0.977	-0.000	-0.006	-0.33	-0.00
30	6.500	1.023	1063.42	1414.5	532.7	84.7	0.998	0.980	1.001	0.042	0.980	0.000	-0.005	-0.32	0.01
31	7.000	1.024	1065.11	1416.8	534.2	84.7	1.002	0.982	1.001	0.038	0.982	0.000	-0.005	-0.29	0.03
32	7.500	1.023	1064.04	1413.0	532.3	84.6	1.002	0.983	1.002	0.037	0.983	0.001	-0.004	-0.22	0.04
33	8.000	1.024	1064.64	1413.6	532.8	84.7	1.010	0.988	1.001	0.025	0.988	0.001	-0.003	-0.17	0.03
34	8.500	1.025	1065.24	1416.1	534.0	84.7	1.013	0.991	1.001	0.020	0.991	0.001	-0.001	-0.08	0.05
35	9.000	1.022	1063.09	1413.3	532.0	84.7	1.016	0.995	1.001	0.012	0.995	0.000	-0.000	-0.01	0.02
36	9.500	1.024	1064.55	1414.4	533.1	84.7	1.024	1.000	1.001	0.001	1.000	0.001	0.002	0.10	0.03
37	10.000	1.024	1065.29	1417.3	534.4	84.9	1.027	1.002	1.000	-0.004	1.002	0.001	0.003	0.18	0.03
38	10.500	1.024	1064.74	1415.9	533.6	84.9	1.030	1.005	1.001	-0.010	1.005	0.001	0.005	0.31	0.04
39	11.000	1.024	1065.01	1414.3	533.2	84.8	1.034	1.008	1.002	-0.013	1.008	0.001	0.008	0.44	0.05
40	11.500	1.025	1065.43	1415.3	533.9	84.6	1.040	1.012	1.001	-0.024	1.012	0.001	0.010	0.57	0.08
41	12.000	1.024	1065.50	1414.1	533.3	85.0	1.043	1.015	1.001	-0.028	1.015	0.001	0.012	0.68	0.04
42	12.500	1.024	1066.95	1417.1	535.2	84.8	1.044	1.014	1.000	-0.029	1.014	0.001	0.014	0.79	0.05
43	13.000	1.025	1065.41	1414.9	533.7	84.9	0.994	0.975	1.001	0.050	0.975	0.001	0.009	0.50	0.06
44	13.500	1.025	1065.88	1414.8	533.7	84.9	0.961	0.948	1.001	0.106	0.948	0.001	0.004	0.26	0.05
45	14.000	1.027	1068.08	1419.8	535.8	85.2	0.961	0.946	1.001	0.109	0.946	0.000	0.003	0.21	0.03
46	14.500	1.027	1067.07	1415.8	535.0	85.1	0.964	0.949	1.001	0.104	0.949	0.001	0.004	0.24	0.04
47	15.000	1.028	1068.49	1416.3	534.7	84.8	0.970	0.953	1.001	0.096	0.953	0.001	0.005	0.28	0.03
48	15.500	1.028	1058.86	1415.6	535.4	84.8	0.977	0.958	1.001	0.085	0.958	0.001	0.005	0.32	0.03

TEST	DAPT	RPXIO-A	ALPA	WING	TT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-484	1263	2.999	-2.01	68	0.00	-14.14	7-601	2- 9-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BETL
49	16.000	1.028	1068.73	1416.7	535.8	84.9	0.982	0.963	1.001	0.077	0.963	0.001	0.006	0.38	0.05
51	16.500	1.028	1066.77	1413.1	534.5	84.9	0.988	0.967	1.001	0.067	0.967	0.000	0.007	0.40	0.03
55	17.000	1.029	1069.38	1416.6	536.1	84.8	0.995	0.972	1.002	0.058	0.972	0.000	0.008	0.46	0.03
56	17.500	1.028	1069.37	1413.3	534.9	84.8	1.002	0.978	1.001	0.045	0.978	0.001	0.009	0.50	0.04
66	18.000	1.027	1068.06	1418.9	536.0	85.7	1.010	0.987	1.000	0.027	0.987	0.001	0.010	0.58	0.05
67	18.500	1.027	1067.97	1415.6	535.1	85.7	1.017	0.992	1.001	0.017	0.992	0.001	0.011	0.64	0.06
68	19.000	1.029	1070.48	1418.2	536.7	86.0	1.027	0.999	1.001	0.004	0.998	0.001	0.013	0.75	0.05
69	19.500	1.026	1068.22	1420.0	535.2	86.3	1.035	1.007	1.000	-0.015	1.007	0.001	0.015	0.83	0.05
70	20.000	1.025	1066.63	1418.6	535.4	86.1	1.047	1.018	1.001	-0.035	1.018	0.001	0.017	0.96	0.04
71	20.500	1.026	1068.35	1418.9	535.9	86.2	1.057	1.025	1.001	-0.048	1.024	0.001	0.020	1.09	0.04
72	21.000	1.025	1067.48	1420.3	535.9	86.3	1.068	1.034	1.000	-0.067	1.034	0.001	0.072	1.24	0.04
73	21.500	1.026	1068.20	1418.8	535.6	86.5	1.077	1.040	1.001	-0.080	1.040	0.001	0.026	1.42	0.03
74	22.000	1.025	1067.19	1423.2	536.9	86.4	1.087	1.050	1.000	-0.099	1.049	0.000	0.030	1.61	0.02
75	22.500	1.025	1067.27	1422.1	536.3	86.7	1.093	1.054	1.000	-0.108	1.054	0.000	0.033	1.79	0.03
76	23.000	1.025	1067.58	1423.3	535.9	86.5	1.102	1.061	0.999	-0.122	1.060	0.000	0.036	1.97	0.00
77	23.500	1.027	1068.89	1420.9	536.8	86.3	1.075	1.038	0.999	-0.078	1.038	-0.000	0.031	1.69	-0.01
78	24.000	1.022	1065.24	1421.2	535.0	86.8	0.942	0.934	1.000	0.131	0.934	0.000	0.016	0.96	0.01

TEST	DIRT	PFZIO-4	ALPA	WING	YP	ZT	PWW SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-404	1204	7.990	-2.21	00	10.00	-10.00	7-602	2- 9-77	TRANSONIC 4T

POINT	XP	M	VW	PT	Q	TT	ML	VML/VW	PTL/PT	CPL	UT/VW	VT/VW	WT/VW	AATL	BATL
2	-6.000	1.028	1060.60	1421.7	536.8	86.9	0.983	0.973	1.000	0.053	0.973	0.001	0.009	0.53	0.07
3	-5.500	1.026	1068.10	1423.8	537.5	86.6	0.982	0.972	1.001	0.057	0.972	0.001	0.003	0.16	0.04
4	-5.000	1.025	1067.93	1422.6	535.8	87.0	0.983	0.974	1.001	0.053	0.974	0.000	0.003	0.16	0.03
5	-4.500	1.028	1067.77	1422.6	536.6	87.2	0.981	0.972	1.001	0.057	0.972	0.001	0.003	0.18	0.04
6	-4.000	1.024	1066.50	1422.8	536.2	86.8	0.980	0.972	1.001	0.058	0.972	0.000	0.003	0.16	0.02
7	-3.500	1.023	1066.52	1422.5	536.0	87.0	0.989	0.972	1.001	0.058	0.972	0.000	0.003	0.15	0.02
8	-3.000	1.023	1066.11	1424.0	536.5	86.7	0.989	0.972	1.001	0.057	0.972	0.000	0.002	0.14	0.02
9	-2.500	1.027	1069.35	1419.5	536.3	86.7	0.992	0.972	1.001	0.059	0.972	0.000	0.003	0.15	0.01
10	-2.000	1.020	1070.47	1424.0	538.6	87.1	0.998	0.976	1.001	0.049	0.976	0.000	0.002	0.15	0.00
11	-1.500	1.029	1070.64	1425.1	538.8	87.2	0.993	0.972	1.001	0.059	0.972	0.000	0.002	0.14	0.03
12	-1.000	1.026	1068.37	1427.0	536.7	87.0	0.986	0.968	1.001	0.067	0.968	0.001	0.001	0.06	0.08
13	-0.500	1.026	1068.34	1423.1	537.1	86.9	0.984	0.966	1.002	0.071	0.966	0.002	0.000	0.02	0.13
14	0.000	1.025	1060.00	1423.6	537.0	87.2	0.980	0.964	1.001	0.074	0.964	0.002	-0.000	-0.02	0.18
15	0.500	1.024	1066.93	1422.5	536.0	87.3	0.977	0.962	1.001	0.079	0.962	0.003	-0.001	-0.07	0.19
16	1.000	1.024	1064.94	1423.1	536.3	87.3	0.978	0.962	1.001	0.076	0.962	0.004	-0.002	-0.11	0.22
17	1.500	1.023	1066.10	1424.5	536.5	87.2	0.981	0.966	1.001	0.070	0.965	0.005	-0.002	-0.15	0.28
18	2.000	1.021	1064.97	1423.3	535.4	87.2	0.980	0.967	1.001	0.069	0.967	0.005	-0.003	-0.18	0.32
19	2.500	1.025	1067.92	1422.5	536.5	87.3	0.981	0.964	1.002	0.074	0.964	0.006	-0.004	-0.24	0.35
20	3.000	1.025	1067.95	1423.7	537.2	87.3	0.983	0.966	1.001	0.069	0.966	0.007	-0.005	-0.28	0.40
21	3.500	1.024	1067.54	1423.1	536.5	87.4	0.984	0.967	1.001	0.067	0.967	0.007	-0.006	-0.35	0.43
22	4.000	1.023	1066.44	1423.3	536.2	87.1	0.985	0.969	1.001	0.045	0.968	0.008	-0.006	-0.37	0.45
23	4.500	1.023	1056.58	1424.3	536.6	87.1	0.987	0.970	1.001	0.061	0.970	0.008	-0.007	-0.39	0.47
24	5.000	1.023	1066.40	1423.6	536.1	87.6	0.985	0.969	1.000	0.062	0.969	0.008	-0.007	-0.39	0.45
25	5.500	1.027	1070.35	1425.1	538.7	87.3	0.992	0.972	1.001	0.058	0.972	0.008	-0.007	-0.43	0.49
26	6.000	1.025	1067.88	1423.0	536.7	87.3	0.990	0.972	1.001	0.059	0.972	0.008	-0.007	-0.41	0.48
27	6.500	1.025	1068.84	1424.1	537.4	87.6	0.996	0.976	1.001	0.049	0.976	0.007	-0.007	-0.39	0.42
28	7.000	1.025	1068.50	1425.9	538.0	87.6	1.000	0.980	1.001	0.041	0.980	0.007	-0.006	-0.37	0.39
29	7.500	1.028	1068.46	1424.3	537.5	87.3	1.006	0.984	1.001	0.032	0.984	0.006	-0.007	-0.39	0.37
30	8.000	1.025	1068.38	1423.0	536.9	87.4	1.011	0.989	1.001	0.024	0.989	0.006	-0.006	-0.37	0.33
31	8.500	1.027	1070.13	1424.4	538.0	87.3	1.020	0.994	1.000	0.012	0.994	0.005	-0.006	-0.34	0.29
32	9.000	1.028	1068.55	1423.9	537.3	87.3	1.021	0.996	1.001	0.009	0.996	0.004	-0.005	-0.27	0.23
33	9.500	1.027	1070.18	1423.4	537.9	87.4	1.024	0.998	1.000	0.006	0.998	0.003	-0.004	-0.21	0.17
34	10.000	1.026	1069.44	1426.6	538.6	87.6	1.028	1.002	1.000	-0.004	1.002	0.002	-0.002	-0.13	0.11
35	10.500	1.028	1068.00	1423.4	536.9	87.4	1.029	1.004	1.002	-0.005	1.004	0.001	-0.001	-0.04	0.03
36	11.000	1.027	1069.56	1424.3	538.0	87.3	1.035	1.007	1.001	-0.013	1.007	-0.000	0.001	0.06	-0.00
37	11.500	1.027	1070.00	1423.4	537.8	87.5	1.042	1.012	1.001	-0.022	1.012	-0.001	0.002	0.12	-0.08
38	12.000	1.023	1066.20	1425.1	536.7	87.3	1.044	1.017	1.000	-0.034	1.017	-0.003	0.004	0.20	-0.18
39	12.500	1.024	1067.26	1423.9	536.6	87.6	1.031	1.006	1.001	-0.011	1.006	-0.003	0.002	0.14	-0.17
40	13.000	1.026	1068.77	1425.3	538.1	87.6	0.998	0.977	1.001	0.046	0.977	-0.000	-0.001	-0.05	-0.02
41	13.500	1.027	1070.21	1425.2	538.4	87.7	0.972	0.955	1.001	0.092	0.955	0.002	-0.004	-0.24	0.13
42	14.000	1.020	1072.27	1424.6	539.1	87.8	0.958	0.950	1.001	0.102	0.950	0.003	-0.005	-0.32	0.18
43	14.500	1.026	1069.59	1426.1	538.6	87.5	0.966	0.951	1.001	0.100	0.951	0.003	-0.005	-0.28	0.17
44	15.000	1.020	1072.18	1425.0	539.3	87.8	0.970	0.952	1.001	0.097	0.952	0.002	-0.005	-0.27	0.12
45	15.500	1.021	1055.40	1426.0	536.7	87.8	0.982	0.968	1.001	0.066	0.968	0.001	-0.004	-0.31	0.08

TEST	PART	REX10-6	ALPA	WING	YT	ZT	RUN SURVEY	DATE	AEDC PROPULSION WIND TUNNEL
TC-464	1704	2.900	-2.01	66	10.00	-10.00	7-402	2- 9-77	TRANSONIC 4T

POINT	XT	M	VM	PT	Q	TT	ML	VML/VM	PTL/PT	CPL	UT/VM	VT/VM	WT/VM	AATL	BWTL
47	16.000	1.026	1069.63	1426.7	539.5	87.7	0.984	0.966	1.001	0.070	0.966	0.000	-0.003	-0.17	0.02
49	16.500	1.028	1071.55	1425.7	539.2	87.9	0.989	0.968	1.001	0.066	0.968	-0.000	-0.002	-0.13	-0.02
50	17.000	1.027	1069.86	1425.1	538.3	87.5	0.996	0.975	1.001	0.052	0.975	-0.001	-0.001	-0.06	-0.06
52	17.500	1.028	1071.30	1425.6	539.0	87.9	1.005	0.981	1.000	0.038	0.981	-0.002	0.000	0.02	-0.12
53	18.000	1.028	1072.60	1426.2	539.8	88.0	1.017	0.990	1.001	0.020	0.990	-0.003	0.001	0.08	-0.16
54	18.500	1.028	1071.09	1427.3	539.7	87.6	1.028	1.000	1.001	0.001	1.000	-0.004	0.003	0.17	-0.23
55	19.000	1.026	1068.51	1422.5	537.1	87.7	1.042	1.013	1.001	-0.024	1.013	-0.005	0.005	0.27	-0.27
57	19.500	1.026	1069.70	1426.5	539.5	87.7	1.058	1.026	1.000	-0.051	1.026	-0.006	0.008	0.42	-0.33
58	20.000	1.027	1070.15	1424.5	538.3	87.4	1.070	1.034	1.001	-0.067	1.034	-0.008	0.011	0.59	-0.42
59	20.500	1.026	1070.07	1423.2	537.5	88.0	1.088	1.049	1.000	-0.097	1.049	-0.009	0.015	0.82	-0.50
60	21.000	1.028	1071.78	1427.7	539.9	88.1	1.103	1.059	1.000	-0.117	1.059	-0.011	0.019	1.02	-0.60
61	21.500	1.025	1068.09	1426.9	538.4	88.0	1.106	1.064	1.000	-0.128	1.063	-0.014	0.022	1.20	-0.74
62	22.000	1.028	1071.23	1427.2	539.5	88.0	1.114	1.068	0.999	-0.137	1.068	-0.016	0.024	1.31	-0.84
63	22.500	1.024	1068.17	1427.7	538.2	88.0	1.070	1.036	0.999	-0.073	1.036	-0.012	0.017	0.97	-0.68
64	23.000	1.026	1069.37	1425.6	538.1	87.9	0.983	0.965	0.999	0.069	0.965	-0.007	0.004	0.24	-0.42
65	23.500	1.028	1071.11	1426.2	539.2	87.8	0.990	0.969	1.001	0.063	0.969	-0.007	0.001	0.08	-0.38
67	24.000	1.027	1070.59	1424.6	538.2	88.7	0.985	0.966	1.001	0.070	0.966	-0.007	0.002	0.10	-0.40